

ICHTHYOLOGY

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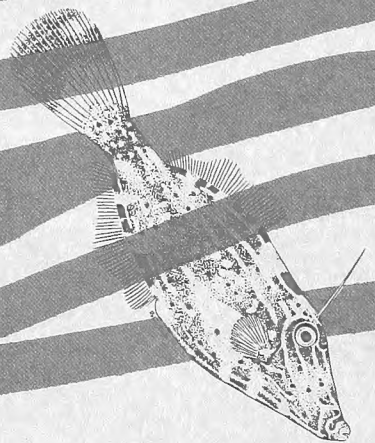








# DEAN bibliography of fishes 1968



*The American Museum of Natural History New York*

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the books and staff that  
made it all possible.

James H. H.

**DEAN bibliography  
of fishes  
1968**

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## **Introduction**

This is a computerized bibliographic analysis of the greater part of the significant ichthyological literature published during 1968. The information has been stored in a computer to make possible future retrieval of detailed bibliographic data as well as periodic print-outs such as this. Most of the remainder of the 1968 literature will appear with the analysis for 1969, and subsequent analyses will contain additional, still more recently recovered items.

Articles and reports dealing with purely commercial subjects such as the marketing, preservation, and processing of fish have been omitted, but any item containing information that bears on the biology of fishes has been included, for example, a description of the bacteria found on freshly caught fish or fishery statistics that reflect geographic distribution or changes in abundance. Only articles of biological significance have been selected from the sport fisherman's and amateur aquarist's literature.

The development of methods, designed to encompass a major segment of the world's biological literature and make it readily comprehensible to everyone working in any part of the field, was made possible by the support of the Office of Science Information Service of the National Science Foundation (Grants GN-658.1.2). For all of the computer technology and services, BioSciences Information Service has been responsible, and we wish to acknowledge the essential role this organization has played in carrying out the project. Special mention should be made of the invaluable help received from Miss Louise Schultz and her assistants, particularly David B. Cole, in developing the methods of indexing as well as the computer programs. Another vital factor has been the wholehearted support of The American Museum of Natural History, made possible through the keen interest of its Directors, Drs. James A. Oliver and Thomas D. Nicholson. To Dr. Donn E. Rosen, Chairman of the Department of Ichthyology, especial thanks are due for his unflagging support, both moral and material. All of the members of the staff have contributed more than their reasonable share toward the success of the program. Dr. Gareth J. Nelson's knowledge of piscine phylogenetics, paleoichthyology, and functional morphology proved indispensable. Dr. Robert J. Winter and Mrs. Nao Saito handled the Slavic and Japanese ichthyological literature with distinction. Mrs. Vivian Joan Oleen, as special assistant, was called upon to do practically everything and did it superlatively well.



## **Organization of The Dean Bibliography**

The bibliography consists of five parts:

- Systematic Index
- Subject Index
- Geographic Index
- Author Index
- Bibliography

Each of the numbers 800001 to 803501 refers to an article, book, or report listed numerically in the final section, the Bibliography.

Systematic Index: Thirteen major categories have been adopted, and they have been arranged in the following sequence:

- Agnatha
- Acanthodii
- Antiarchi
- Arthrodira
- Bradyodonti
- Holocephali
- Elasmobranchii
- Dipnoi
- Rhipidistia
- Coelacanthini
- Chondrostei
- Holostei
- Teleostei

Each of these main groups has been divided into categories equivalent to superorders (with the suffix -omorpha uniformly applied), unless the number of included genera is too small to make subdivision advantageous. Subdivision to orders (with the suffix -iformes uniformly applied), in some cases to suborders (with the suffix -oidei), and then to families (with the suffix -idae) was made according to the same principle of economy. Except for the 13 major groups, the names in all categories are listed alphabetically. The alphabetical arrangement of a limited number of higher categories was adopted to avoid unnecessary commitments to any particular phylogenetic scheme. Where controversy exists about the status of a group or name, the group or name chosen was the one that seemed to be better established and in more widespread use, or more likely to have long-range stability. We believe that the 566 names adopted will be immediately recognizable by all systematic researchers working with the animals concerned.

Subject Index: Nine major subdivisions have been arranged as follows:

- Systematics and Nomenclature
- Structure and Function (of organ systems)
- Ontogeny
- Evolution
- Ichthyological Techniques
- Ecology

Behavior

Pathology and Parasitism

Relations of Fish and Man

Under these topics, about 1200 subject-descriptors have been hierarchically arranged. By combining these in different ways, an almost unlimited number of descriptors has been made available.

Geographic Index: This is based on ten continental and seven oceanic regions. It has been designed to provide maximum flexibility without necessitating the preparation of a gazetteer of every political unit, faunal area, and body of water in the world.

Author Index: All authors, both junior and senior, are listed alphabetically.



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MIOCENE	801008		RELATIONSHIPS	801659	
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DEVELOPMENT			NEW FAMILY	801515	
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			PROTEIN CONTENT	800240
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DISTRIBUTION	800877		FRY	802826
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LITTORAL ZONE			BACTERIAL DISEASES	802294
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ALGAE			IDENTIFYING CHARACTERS	801917
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SCALES			BIOCHEMISTRY	801651
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CYTOLOGY	801487		LIPID AND FATTY ACID CONTENT	801651
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		INTERMEDIARY METABOLISM	801748	NOTOTHENIIDAE
		TREMATOMUS BORCHGREVINKI		
		OXYGEN CONSUMPTION		
		SUBZERO WATERS	803098	PERCOIDEI
		TEMPERATURE		
		EXPERIMENTAL ANALYSIS		
		LDH ISOENZYMES	802258	ACANTHOCLINIDAE
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HEMOGLOBIN		PASSIVE THERMAL PROPERTIES	803288	APLODACTYLIDAE
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PRIONODRACO EVANSII		SKIN		
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RACOVITZIA GLACIALIS		PASSIVE THERMAL PROPERTIES	803288	
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SKIN		DESCRIPTIVE EVOLUTION		
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CHIONODRACO KATHLEENAE		SYNONYMY	802542	
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		SEX RATIO	803215	
		REPRODUCTIVE SEASON	803215	
		FEEDING		
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		PARENTAL CARE OF EGGS	803215	
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AS PARASITE	801531	HISTOLOGY	801590	
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NOTOTHENIA GIBBERIFRONS			801949	
OXYGEN CONSUMPTION	801198		801917	
NOTOTHENIA NEGLECTA			801949	
METABOLIC RATE	801198		801917	
OXYGEN CONSUMPTION	801198		801949	
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ARRIPIDIDAE	KEY	801921	OSTORHYNCHUS SPONGICOLUS	
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BATHYCLUPEIDAE	APOGON ANISOLEPIS		PAPILAPOGON AURITUS	
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	RELATIONSHIPS	801921	ANATOMY	
	HABITAT PREFERENCE	801921	DESCRIPTIVE EVOLUTION	802680
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	SYNONYMY	800877	INVALIDATION	801921
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	SYNONYMY	801936	MERLUCCIIUS CADENATI	
	DISTRIBUTION	801936	MERLUCCIIUS SENEGALENSIS	
	APOGON ERDMANII		AS PREDATOR	803131
	ECHINODERMATA			
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	803041		CHEILO TREMA SATURNUM		
			COLOR CHANGE		
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SCATOPHAGUS ARGUS			GUT CONTENTS	801760	
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	POLYPRION AMERICANUS		DISTRIBUTION WITHIN HABITAT	801949
	DISTRIBUTION	801248	DISTRIBUTION	801949
	ORIENTATION TO FLOATING OBJECTS	801248		803131
	POLYPRIONUM		HABITAT PREFERENCE	801917
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	POLYPRIONUM OXYGENEOIS		ACANTHOPAGRUS BERDA	
	DISTRIBUTION	800394	NEMATODA	
	PROPERCA SABBAI		PARASITE SYSTEMATICS	802049
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	SKELETON		GENERAL STRUCTURE AND BEHAVIOR	803183
	ANATOMY	802662	BRAIN	
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	CIRCADIAN RHYTHMS	800379	HISTOLOGY	803183
	PREYING ON SMALL PREY	800379	GASTRIC JUICES AND ENZYMES	
	RYPTICUS MACULATUS		BIOCHEMISTRY	801591
	MIGRATIONS	802188	ARCHOSARGUS	
	SERRANUS		ARCHEOLOGICAL DATA	802134
	OLIGOCENE	800747	ARCHOSARGUS PROBATOCEPHALUS	
	PALEOECOLOGY	800747	LENS	
	ANAL FIN SKELETON		BIOCHEMISTRY	
	ANATOMY	800406	PROTEIN CONTENT	800240
	DESCRIPTIVE EVOLUTION	800406	DISTRIBUTION	802259
	SERRANUS BUDENSIS		SEASONAL ABUNDANCE	802506
	SYNONYMY	802662	ARCHOSARGUS RHOMBODALIS	
	MORPHOMETRICS	802662	SYNONYMY	801917
	OLIGOCENE	802662	ARGYROPS FILAMENTOSUS	
	SKELETON		BACTERIA	
			AS COMMENSAL	





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DESCRIPTIVE EVOLUTION	801216		801216	
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INVALIDATION	803380	MERISTICS	801216	
ISTIOMPAX INDICA		MIOCENE	800460	
INVALIDATION	803380	VERTEBRAE		SCOMBRIDAE
ISTIOPHORUS		ANATOMY		
REDEFINITION	803380	FUNCTION	801216	
ISTIOPHORUS GREYI		CAUDAL SKELETON		ACANTHOCYBIUM
MERISTICS	801216	ANATOMY	801216	TO
ISTIOPHORUS PLATYPTERUS		DESCRIPTIVE EVOLUTION	802680	EUTHYNNUS
WEIGHT LENGTH RELATIONSHIP	802740	JAWS		
DISTRIBUTION	802440	ANATOMY	800310	
MAKAIRA		AXIAL SKELETAL MUSCLES		
REDEFINITION	803380	ANATOMY	801216	
MIOCENE	800310	RED MUSCLES		
VERTEBRAE		FUNCTION		
ANATOMY	800310	ANATOMY	801216	
MAKAIRA ALBIDA		PANCREATIC ISLETS		
HISTORY OF FISHERIES	801977	HISTOLOGY	801650	
MAKAIRA INDICA		GILLS		
DISTRIBUTION	802440	ANATOMY		
MAKAIRA MAZARA		CONVERGENCE AND PARALLELISM	802121	
LARVA		DESCRIPTIVE EVOLUTION	802121	
DEVELOPMENT	803380	GILL VENTILATION MECHANICS	802121	
DISTRIBUTION	802440	PANCREAS		
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MERISTICS	802130	SONAR OBSERVATION	801610	
MORPHOMETRICS	802130	OUTDOOR CENSUS AND SAMPLING	800011	
OVARIAN CYCLES	802747	SUBLITTORAL ZONE	803131	
TESTICULAR CYCLES	802747	DISTRIBUTION WITHIN HABITAT	802440	
SEXUALLY DIMORPHIC SIZE	802747	VERTICAL DISTRIBUTION	802052	
LARVA		COPEPODA		
GROSS EXTERNAL ANATOMY	802130	AS PARASITE	801967	
	802191	AVES		
SEX RATIO	802747	AS PREDATOR	800011	
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HISTORY OF FISHERIES	801977		802649	
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DEVELOPMENT	803380	LOCOMOTION		
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SCALES	802324	FISHING METHODS	801404	
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GILL VENTILATION MECHANICS	802121	REGULATION OF CATCH	802287	
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EFFECT ON FISH		ONTOGENETIC COLOR CHANGE	801825	
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	802440	LARVA		
LARVA		ANATOMY	801825	
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REDESCRIPTION	800394	AS PARASITE		
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		DIGENEA		
		INCIDENCE OF INFECTION	800826	
		INTENSITY OF INFECTION	800826	
		NEMATODA		
		INCIDENCE OF INFECTION	800826	
		INTENSITY OF INFECTION	800826	
		PARASITE SYSTEMATICS	800826	
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		INCIDENCE OF INFECTION	800826	
		INTENSITY OF INFECTION	800826	
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SCOMBER	VISUAL SENSITIVITY AND ACUITY	800161	IDENTIFICATION	800764
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	INCIDENCE OF INFECTION	801933	STOMACH	
	DISTRIBUTION	801775	EXPERIMENTAL ANALYSIS	800920
	REPRODUCTIVE SEASON	802819	RASTRELLIGER KANAGURTA	
	SEASONAL ABUNDANCE	802663	MORPHOMETRICS	
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	IDENTIFYING CHARACTERS	801949	PARASITE SYSTEMATICS	
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		801949	AXIAL SKELETAL MUSCLES	
		803359	ANATOMY	
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	IDENTIFICATION	800764	SWIMMING	801216
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	CAUDAL SKELETON		DISTRIBUTION	800453
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	EXERCISE		GILL MUSCLES	800474
	EFFECT ON FISH		GILLS	
	TEMPERATURE	802554	ARTERIAL SYSTEM	800474
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	EXPERIMENTAL ANALYSIS	800337	PARASITE SYSTEMATICS	802932
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	FUNCTION	801216	SEASONAL CHANGES	802003
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	ANATOMY		HISTIDINE	800900
	FUNCTION	801216	AXIAL SKELETAL MUSCLES	
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	HISTOLOGY	803183	HISTIDINE	
	VISUAL SENSITIVITY AND ACUITY	800161	BIOCHEMISTRY	801844
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	MYOGLOBIN	801474	ANATOMY	
	SERUM ESTERASE	800143	HISTOLOGY	803183
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	POPULATION GENETICS	800143	BIOCHEMISTRY	800900
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	SERUM TRANSFERRIN		BIOCHEMISTRY	
	ADAPTIVE EVOLUTION		RENIN	801338
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	DISTRIBUTION WITHIN HABITAT	802462	HISTOLOGY	801590
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	TEMPERATURE		VERTICAL DISTRIBUTION	801098
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	AS COMMENSAL	801705	EGG	
	DISTRIBUTION	800764	LARVA	801610
		801315	REPRODUCTIVE SEASON	801610
		801775	ORIENTATION WITH LIGHT SOURCE	800828
		802440		800829
		803359	FEEDING	
		803388	EXPERIMENTAL ANALYSIS	801583
	POPULATION DENSITY	801819	SCHOOLING	
	SEASONAL ABUNDANCE	803388	VERTICAL DISTRIBUTION	801098
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	FEEDING	800336		801099
	SCHOOLING	800336		801098
	IDENTIFICATION	800764	FISHERY STATISTICS	801099
	HISTORY OF FISHERIES	801383		801778
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	FISHING GEAR SELECTIVITY	803388	SCOMBER SCOMBRUS	
	FISHING MORTALITY	801819	LIPID AND FATTY ACID CONTENT	801153
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	ANTIVITAMIN CONTENT	801956	DDT	802293
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	LIVER		COMPARATIVE ENZYMOLOGY	802377
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	ANAL FIN SKELETON		VASOTOCIN	
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BIOCHEMISTRY	801740	FISHERY STATISTICS	801849	SCOMBRIDAE
PROLACTIN		DISTRIBUTION	801775	(CONTINUED)
FUNCTION		POPULATION CHANGES	801977	
DESCRIPTIVE EVOLUTION	801291	AGE CLASS DISTRIBUTION	801848	
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ARTERIAL SYSTEM	800474	HISTORY OF FISHERIES	801977	TO
EGG		FISHERY STATISTICS	800892	THUNNUS
BIOCHEMISTRY	800257	GEOGRAPHIC VARIATION		
LARVA	803040	SEASONAL CHANGES	801848	
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EGG	801998	THUNNUS ALBACARES		
LARVA	802688	MERISTICS	801216	
SALINITY		CAUDAL SKELETON		
EFFECT ON FISH		ANATOMY	801216	
EGG		AXIAL SKELETAL MUSCLES		
MINERAL CONTENT	801945	BIOCHEMISTRY	800486	
DISTRIBUTION	800758	RED MUSCLES		
EGG	803040	BIOCHEMISTRY	800486	
LARVA	803040	LENS		
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	803040	GAS BLADDER CAPACITY	800154	
MIGRATIONS	802006	SERUM ESTERASE	800143	
HISTORY OF FISHERIES	800727	YOLK		
	800758	DESCRIPTIVE EVOLUTION		
	801846	PROTEIN SPECIFICITY	801821	
SCOMBER VOITESTII		RATE OF GROWTH	802287	
OLIGOCENE	802662	WEIGHT LENGTH RELATIONSHIP	802740	
SCOMBEROMORUS		POPULATION GENETICS	800143	
SEASONAL ABUNDANCE	802649	INFRASPECIFIC VARIATION	801610	
FISHERY STATISTICS	800443	POLYMORPHISM		
SCOMBEROMORUS CAVALLA		SERUM TRANSFERRIN		
OUTDOOR CENSUS AND SAMPLING	802053	ADAPTIVE EVOLUTION		
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PREYING ON SMALL PREY	803002	VERTICAL DISTRIBUTION	800339	
SCOMBEROMORUS COMMERSONI			800885	
MONOGENEA			803359	
PARASITE SYSTEMATICS	801523	TEMPERATURE		
COPEPODA		DESCRIPTION AND OCCURRENCE	800339	
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	801278	AS COMMENSAL	801705	
REPRODUCTIVE SEASON	802819	DISTRIBUTION	800764	
SCOMBEROMORUS GUTTATUS			801775	
REPRODUCTIVE SEASON	802819		802440	
SCOMBEROMORUS MACULATUS			803359	
OUTDOOR CENSUS AND SAMPLING	802053	POPULATION CHANGES	801977	
SEASONAL ABUNDANCE	802506		803366	
SCOMBEROMORUS NIPHONIUS		ORIENTATION TO FLOATING OBJECTS	800477	
GENERAL STRUCTURE AND BEHAVIOR	803183		801708	
BRAIN		EXPERIMENTAL ANALYSIS	800337	
ANATOMY		SWIMMING	801216	
HISTOLOGY	803183	SWIMMING SPEED	801216	
SCOMBEROMORUS REGALIS		GUT CONTENTS	800523	
IDENTIFYING CHARACTERS	801949	TERRITORIALITY	800337	
DISTRIBUTION	801949	SCHOOLING		
HABITAT PREFERENCE	801917	IDENTIFICATION	800764	
SCOMBEROMORUS SIERRA		HISTORY OF FISHERIES	801383	
EXERCISE			801977	
EFFECT ON FISH		FISHING METHODS	801705	
TEMPERATURE	802554	FISHERY STATISTICS	801610	
SCOMBEROMORUS TRITOR		POPULATION CHANGES	801158	
DIGENEA		MAXIMUM YIELD	801775	
PARASITE SYSTEMATICS	800658		801977	
THUNNUS		ANTIVITAMIN CONTENT	801956	
IDENTIFYING CHARACTERS	801880	THUNNUS GERM		
SYNONYMY	801880	BIOCHEMICAL BLOOD CONSTITUENTS		
KEY	801880	MYOGLOBIN	801474	
MORPHOMETRICS	801880	THUNNUS MACCOYII		
COLORATION	801880	MERISTICS	801880	
ISOLATING MECHANISMS	801880	POLYMORPHISM		
GEOGRAPHIC VARIATION	801880	SERUM TRANSFERRIN		
DISTRIBUTION WITHIN HABITAT	802462	ADAPTIVE EVOLUTION		
VERTICAL DISTRIBUTION	800524	INHERITANCE	803006	
TEMPERATURE		GUT CONTENTS	800523	
DESCRIPTION AND OCCURRENCE	800507	THUNNUS OBESUS		
EFFECT ON FISH		GAS BLADDER CAPACITY	800154	
DISTRIBUTION	801880	SERUM ESTERASE	800143	
POPULATION DENSITY	802887	YOLK		
SEASONAL ABUNDANCE	801880	DESCRIPTIVE EVOLUTION		
ORIENTATION TO FLOATING OBJECTS		PROTEIN SPECIFICITY	801821	
EXPERIMENTAL ANALYSIS	800478	WEIGHT LENGTH RELATIONSHIP	800523	
SCHOOLING	800524	POPULATION GENETICS	800143	
	802887	INFRASPECIFIC VARIATION	801610	
MIGRATIONS	801880	VERTICAL DISTRIBUTION	800339	
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HISTORY OF ICHTHYOLOGY		TEMPERATURE		
MIGRATIONS	801833	DESCRIPTION AND OCCURRENCE	800339	
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PECTORAL FINS		PARASITE SYSTEMATICS	803021	
ALLOMETRY	802199	DISTRIBUTION	801775	
RADIOACTIVE CONTENT	800890		802440	
VASOTOCIN		POPULATION CHANGES	801977	
DESCRIPTIVE EVOLUTION		POPULATION DENSITY	800897	
BIOCHEMISTRY	801740	AGE CLASS DISTRIBUTION	800897	
SERUM ESTERASE	800143	GUT CONTENTS	800523	
LARVA		HISTORY OF FISHERIES	801977	
IDENTIFYING CHARACTERS	802021	RECRUITMENT	800897	
RATE OF GROWTH	802287	MAXIMUM YIELD	801775	
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	802740	AXIAL SKELETAL MUSCLES		
POPULATION GENETICS	800143	MYOGLOBIN		
INFRASPECIFIC VARIATION	801610	BIOCHEMISTRY	801595	
DISTRIBUTION WITHIN HABITAT	802963	THUNNUS THYNNUS		
VERTICAL DISTRIBUTION	800339	GENERAL STRUCTURE AND BEHAVIOR	803183	
TEMPERATURE		MERISTICS	801880	
DESCRIPTION AND OCCURRENCE	800339	MORPHOMETRICS	802014	
	801610	PASSIVE ELECTRICAL PROPERTIES		

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FEEDING	801917	MERISTICS	802933	SPHYRAENOIDEI
PREYING ON LARGE PREY	802991	MORPHOMETRICS	802933	(CONTINUED)
PREYING ON SMALL PREY	803002	SUBLITTORAL ZONE	803131	
CIGUATERA PRODUCING	803002	BATHYAL ZONE	803131	
ATTACKS ON MAN	803086	DISTRIBUTION	801248	STROMATEOIDEI
SPHYRAENA BOREALIS	801949		802933	
SEASONAL ABUNDANCE			803131	
SPHYRAENA CHINENSIS	802506	ICHTHYS LOCKINGTONI		ARIOMMIDAE
SYNONYMY	802374	IDENTIFYING CHARACTERS	801858	
SPHYRAENA DUBIA		SAGITTA	802598	
OTOLITHS		MAXIMUM SIZE	801858	CENTROLOPHIDAE
ANATOMY	802517	COELENTERATA		
SPHYRAENA ENSIS		AS FOOD FOR FISH		
EXERCISE		AS SHELTER FOR FISH	801858	NOMEIDAE
EFFECT ON FISH		CRUSTACEA		
TEMPERATURE	802554	AS FOOD FOR FISH	801858	STROMATEIDAE
SPHYRAENA ESCOCIA		MAMMALIA		
INVALIDATION	801859	AS PREDATOR	802598	
SPHYRAENA GUACHANCHO		MUPUS OVALIS		
IDENTIFYING CHARACTERS	801949	SYNONYMY	803131	
SPHYRAENA JAPONICA		SUBLITTORAL ZONE	803131	
STOMACH		DISTRIBUTION	803131	
EXPERIMENTAL ANALYSIS	800920	PSENOPSIS		
SPHYRAENA JELLO		DISTRIBUTION	802228	
DISTRIBUTION	802649	PSENOPSIS OBSCURA		
SPHYRAENA NOVAEHOLLANDIAE		VERTICAL DISTRIBUTION	802228	
SYNONYMY	800439	SERIOLELLA BRAMA		
GROSS EXTERNAL ANATOMY	800439	COPEPODA		
DISTRIBUTION	800439	PARASITE SYSTEMATICS	801753	
SPHYRAENA OBTUSATA		DISTRIBUTION	800332	
MONOGENEA				
INCIDENCE OF INFECTION				
HOST PARASITE INTERACTIONS	801524			
COPEPODA		NOMEIDAE		
AS PARASITE		CUBICEPS GRACILIS		
PARASITE SYSTEMATICS	800438	IDENTIFYING CHARACTERS	801858	
SPHYRAENA PICUDILLA		WEIGHT LENGTH RELATIONSHIP	801858	
IDENTIFYING CHARACTERS	801917	CUBICEPS ISMAELENIS		
	801949	SUBLITTORAL ZONE	803131	
	801917	BATHYAL ZONE	803131	
DISTRIBUTION		DISTRIBUTION	803131	
SPHYRAENA PINGUIS		NOMEUS GRONOVII		
GENERAL STRUCTURE AND BEHAVIOR	803183	IDENTIFYING CHARACTERS	801949	
BRAIN		DISTRIBUTION	801949	
ANATOMY		PARACUBICEPS LEDANOISI		
HISTOLOGY	803183	SUBLITTORAL ZONE	803131	
BRACKISH ENVIRONMENT		DISTRIBUTION	803131	
EUTROPIC LAKES	802516	PSENES CYANOPHRYS		
DISTRIBUTION WITHIN HABITAT		IDENTIFYING CHARACTERS	801949	
SEASONAL CHANGES	802516	STRUCTURAL COLORS		
SPHYRAENA PISCATORUM		BIOCHEMISTRY		
OTOLITHS		FUNCTION		
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SPHYRAENA SPHYRAENA		ONTOGENETIC COLOR CHANGE	801949	
SYNONYMY	801859	DISTRIBUTION	801949	
SPHYRAENA SPINOSUS		PSENES EXTRANEUS		
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BRANCHIOSTEGALS	801986	STROMATEIDAE		
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		INCIDENCE OF INFECTION	800826	
		INTENSITY OF INFECTION	800826	
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TRACHINOIDEI	<b>TETRAGONURIDAE</b>		<b>OPISTOGNATHIDAE</b>	
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	<b>CHEIMARRHICHTHYIDAE</b>			
	RELATIONSHIPS NOSE ANATOMY CHEIMARRHICHTHYS FOSTERI SKULL	803019 803019 803019 803019		
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	IDENTIFYING CHARACTERS KALI NORMANI LIFE SPAN WEIGHT LENGTH RELATIONSHIP CRUSTACEA AS FOOD FOR FISH TELEOSTEI AS FOOD FOR FISH PSEUDOSCOPELUS ALTIPINNIS RELATIONSHIPS PSEUDOSCOPELUS SCRIPTUS RELATIONSHIPS	801858 801858 801858 801858 801858 801858 801858 801858 801858		
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CHALIXODYTES TAUENSIS			LARVA	803040	URANOSCOPIDAE
GROSS EXTERNAL ANATOMY	801926		ARNOGLOSSUS SCAPHA		
DISTRIBUTION	801926		DISTRIBUTION	800332	
LIMNICHTHYS NITIDUS			ARNOGLOSSUS THORI		PLEURONECTIFORMES
SYNONYMY	801926		MERISTICS	801995	
			MORPHOMETRICS	801995	
			BOTHUS LUNATUS		BOTHIDAE
			IDENTIFYING CHARACTERS	801917	
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			BOTHUS OCELLATUS		
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	803019		DEXTRALITY OR SINISTRALITY	801949	
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PELVIC GIRDLE	803019		BOTHUS PODAS		
VISCERAL SKELETON	803019		VERTICAL DISTRIBUTION	802408	
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ASTROSCOPUS			CITHARICHTHYS		
PLEISTOCENE	800934		PLEISTOCENE	800407	
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INNERVATION	803446		MERISTICS	803152	
ASTROSCOPUS YGRAECUM			MORPHOMETRICS	803152	
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GENYAGNUS MONOPTERYGIUS			DISTRIBUTION	803152	
SYNONYMY	802542		CITHARICHTHYS SORDIDUS		
DISTRIBUTION	800332		POPULAR NAMES	800105	
GNATHAGNUS ELONGATUS			OTOLITHS		
GENERAL STRUCTURE AND BEHAVIOR	803183		IDENTIFICATION	802527	
BRAIN			SUBLITTORAL ZONE	802604	
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TELEOSTEI			CIRCADIAN RHYTHMS	800418	
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DISTRIBUTION	801858		MIGRATIONS	802188	
REPRODUCTIVE SEASON	801858		CITHARICHTHYS STIGMAEUS		
KATHETOSTOMA GIGANTEUM			SUBLITTORAL ZONE	802604	
DISTRIBUTION	800332		VERTICAL DISTRIBUTION	802604	
URANOSCOPIUS BUFO			COMMUNITY COMPARISONS	802604	
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SUBLITTORAL ZONE	803131		VERTICAL DISTRIBUTION	802791	
DISTRIBUTION	803131		POPULATION DENSITY	802791	
URANOSCOPIUS FORSTERI			AGE CLASS DISTRIBUTION	802791	
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DISTRIBUTION	803131		PARALICHTHYS		
			CAUDAL SKELETON		
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COLOR VISION			IDENTIFYING CHARACTERS	802983	
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KEY	801949		ANATOMY		
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			SCORPAENIDAE RELATIONSHIPS IDENTIFYING CHARACTERS KEY LIST OF TYPES MUSEUM NATIONAL D HISTOIRE NATURELLE CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION OTOLITHS ANATOMY STOMACH EXPERIMENTAL ANALYSIS MAXIMUM SIZE SUBLITTORAL ZONE BATHYAL ZONE DISTRIBUTION WITHIN HABITAT LARVA VERTICAL DISTRIBUTION DISTRIBUTION POPULATION DENSITY COMMUNITY COMPARISONS REPRODUCTIVE SEASON ORIENTATION TO FLOATING OBJECTS HABITAT PREFERENCE MASS MORTALITIES FISHERY STATISTICS DENDROCHIRUS BRACHYPTERUS ERYTHROCYTES LEUCOCYTES HELICLENUS PERCOIDES DISTRIBUTION HELICOLENUS MICROPHthalmus INVALIDATION HELICOLENUS PAPILLOSUS SYNONYMY MAXILLICOSTA SCABRICEPS SYNONYMY DISTRIBUTION PTEROIS RADIATA LIST OF TYPES ICONOTYPE PTEROIS VOLITANS GENERAL STRUCTURE AND BEHAVIOR PTEROPTERUS ANTENNATUS DISTRIBUTION SCORPAENA ALBIFIMBRIA	802680 801917 801949 801949 801617 802680 802517 800920 802002 802604 803131 802604 803131 801949 801778 801780 802002 802604 801917 801949 803131 801778 802604 801806 802002 801708 802002 802271 800892 801807 802194 802194 800332 800773 802542 800394 800394 802542 801828 800394

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SCORPAENA DACTYLOPTERA		TEMPERATURE		TO
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	SKELETON	801918	PSEUDOBRANCH	801918
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	SKELETON	801918	PELVIC GIRDLE	801918
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	NOSE	801918	SAGITTA	801918
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			SYNONYMY	801918
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PREYING ON SMALL PREY		DEVELOPMENT		CLUPEIDAE
EXPERIMENTAL ANALYSIS		SEASONAL CHANGES	801871	(CONTINUED)
BRANCHIOPODA		PESTICIDE CONTENT	800723	
AVAILABILITY AND USE OF FOOD	803009		800726	
REPRODUCTION	801881	LDH ISOENZYMES	800180	ALOSA
MASS MORTALITIES	801881		801565	TO
STANDING CROP	801776	CAUDAL SKELETON		CLUPEA
ALOSA SAPIDISSIMA		DEVELOPMENT	802680	
IDENTIFYING CHARACTERS	802244	MYODOME		
GENERAL STRUCTURE AND BEHAVIOR	801810	ANATOMY		
SKULL		FUNCTION	801898	
ABNORMALITY	802700	JAW MUSCLES		
LIVER		ANATOMY	800616	
BIOCHEMISTRY		EYE MUSCLES		
OXIDATIVE METABOLISM	800565	ANATOMY	801576	
NITROGEN METABOLISM	803207	FUNCTION	801898	
MARKING AND TAGGING	801755	OTOLITHS		
LETHAL ENVIRONMENTAL LIMITS		ABNORMALITY	802583	
EGG		EYE		
LARVA	803374	ANATOMY	801576	
DISTRIBUTION	802244	ADENOHYPHYSIS		
REDUCTION OF RANGE BY MAN	800360	HISTOLOGY		
LENGTH FREQUENCY		DESCRIPTIVE EVOLUTION	803414	
YOUNG	803373	ADRENAL CORTEX		
REPRODUCTIVE SEASON	802244	BIOCHEMISTRY		
MIGRATIONS	803373	STEROID METABOLISM	802389	
REPRODUCTION	801810	OVARIAN CYCLES	801966	
FISHERY STATISTICS	800892	FECUNDITY	801950	
NATURAL MORTALITY	801807	ADAPTATION		
EGG		HABITAT DESTRUCTION	802444	
LARVA		TESTICULAR CYCLES	801966	
YOUNG	803373	BIOCHEMICAL SEX DIFFERENCES		
FISHWAYS	800517	LIPID AND FATTY ACID CONTENT	801871	
	803373	EGG		
DAMS AND BARRIERS	800517	DEVELOPMENT		
AMBLYGASTER CLUPEOIDES		OXIDATIVE METABOLISM	801061	
DISTRIBUTION	803359	YOLK		
AMBLYGASTER SIRM		DESCRIPTIVE EVOLUTION		
DISTRIBUTION	803359	PROTEIN SPECIFICITY	801821	
ANODONTOSTOMA CHACUNDA		RATE OF GROWTH	801112	
COPEPODA	800447		801829	
INCIDENCE OF INFECTION	800447	LARVA	801481	
INTENSITY OF INFECTION	800447	AGE LENGTH RELATIONSHIP	800756	
PARASITE SYSTEMATICS	800447	ALLOMETRY		
BREVOORTIA		MOUTH	803198	
PLEISTOCENE	800934	STARVATION		
UNSATURATED FAT CONTENT	802153	EXPERIMENTAL ANALYSIS	801950	
BREVOORTIA GUNTERI		INFRASPECIFIC VARIATION	801438	
LENS			801439	
BIOCHEMISTRY		ECOTYPES	801950	
PROTEIN CONTENT	800240		801438	
BREVOORTIA PATRONUS		MARKING AND TAGGING	801439	
EGG		BREEDING AND REARING	802138	
DISTRIBUTION WITHIN HABITAT	800416	SCALE AGE STUDY	800176	
GROWTH	800418	OTOLITH AGE STUDY	800867	
CIRCADIAN RHYTHMS	800418		802249	
BREVOORTIA PATRONUS X		DISTRIBUTION WITHIN HABITAT	801004	
BREVOORTIA SMITHI X		LARVA	801001	
ARTIFICIAL HYBRIDIZATION	802745		801002	
BREVOORTIA SMITHI X		MATING	801481	
BREVOORTIA PATRONUS X		VERTICAL DISTRIBUTION	802423	
MERISTICS			801003	
INHERITANCE	802745	TEMPERATURE		
INHERITANCE		DESCRIPTION AND OCCURRENCE		
MERISTICS	802745	EFFECT ON FISH	801004	
NATURAL HYBRIDIZATION	802745	EFFECT ON FISH		
ARTIFICIAL HYBRIDIZATION	802745	DISTRIBUTION	801829	
HYBRID COMPATIBILITY	802745	LIGHT		
BREVOORTIA TYRANNUS		DESCRIPTION AND OCCURRENCE		
IDENTIFYING CHARACTERS	802244	ECLIPSE		
PROTEIN CONTENT		EFFECT ON FISH	801823	
FREE AMINO ACIDS	803093	EFFECT ON FISH		
LIPID AND FATTY ACID CONTENT	803093	MIGRATIONS	801438	
VERTEBRAE		SALINITY		
ABNORMALITY	802727	DESCRIPTION AND OCCURRENCE		
LATERAL LINE		EFFECT ON FISH	801004	
LARVAL SENSE ORGANS	800416	EGG		
EGG		MINERAL CONTENT	801945	
DISTRIBUTION WITHIN HABITAT	800416	COPEPODA		
VERTICAL DISTRIBUTION	800559	EFFECT ON FISH		
MARKING AND TAGGING	800416	DISTRIBUTION	801829	
TEMPERATURE		PLANKTON		
ACCLIMATION		DESCRIPTION AND OCCURRENCE		
LETHAL ENVIRONMENTAL LIMITS		EFFECT ON FISH	801004	
YOUNG	802765	POPULATION CHANGES	800758	
SALINITY		POPULATION DENSITY	801971	
EXPERIMENTAL ANALYSIS			802248	
LETHAL ENVIRONMENTAL LIMITS		EGG	800866	
YOUNG	802765		801776	
DISTRIBUTION	802244	DENSITY DEPENDENT REGULATION	802138	
POPULATION STRUCTURE	800416		801447	
CASPIALOSA CASPIA		INTERSPECIFIC COMPETITION	801888	
FECUNDITY		AGE CLASS DISTRIBUTION	801112	
ADAPTATION			803163	
HABITAT DESTRUCTION	802444	ACTIVITY PATTERNS	801133	
CLUPEA		SEASONAL CHANGES	800756	
OLIGOCENE	800747	REPRODUCTIVE SEASON	800997	
PALEOECOLOGY	800747		801001	
CLUPEA ALOSA			801966	
MESENCEPHALON			801001	
HISTOLOGY	802463		800756	
TRIGEMINAL NERVE			801447	
HISTOLOGY	802463		801481	
CLUPEA HARENGUS				
MERISTICS	801966			
LIPID AND FATTY ACID CONTENT	801153			

CLUPEIDAE (CONTINUED)	SWIMMING DEVELOPMENT LARVA	801888 802657 803198	ANATOMY BONE DEVELOPMENT	800784 800784 800784
CLUPEA TO OPISTHOPTERUS	FEEDING LARVA GUT CONTENTS	802233 800997 801554	LATERAL LINE PORES AND CANALS DEVELOPMENT ANATOMY NEUROMASTS ANATOMY DEVELOPMENT	800784 800784 800784 800784 800784
	AVOIDANCE RESPONSES TRAWLING SCHOOLING	802303 801001 801003	POPULATION CHANGES DUSSUMIERIA HASSELTII COPEPODA PARASITE SYSTEMATICS	800344 802156 803352 803359
	DEVELOPMENT LARVA HOME RANGE AND HOMING MIGRATIONS	802233 802131 800866 801003 801439 801829 801888 801950 802131 802138	DISTRIBUTION ENGRAULICYPRIIS COPEPODA HOST PARASITE INTERACTIONS ESCUALOSA RELATIONSHIPS ETHMALOSA FIMBRIATA CAUDAL SKELETON DEVELOPMENT	801230 801276 802680 803183
	REPRODUCTION EGG LAYING HISTORY OF FISHERIES	800997 802131 801481 803163 800335 800727 800758 800866 801846 801971 801829 800335	ETRUMEUS MICROPUS GENERAL STRUCTURE AND BEHAVIOR ETRUMEUS TERES DISTRIBUTION WITHIN HABITAT EGG LARVA REPRODUCTIVE SEASON GNATHOBOLUS ACULEATUS INVALIDATION GUDUSIA GODANAHIAI NEW SPECIES RELATIONSHIPS MORPHOMETRICS	803183 800555 800555 801859 802530 802530 802530
	FISHERY DYNAMICS FISHERY STATISTICS NATURAL MORTALITY EGG LARVA LARVA FISHING MORTALITY STANDING CROP HABITAT POLLUTION HABITAT PRESERVATION	803163 801481 802248 801776 800721 800721	HARENGULA CLUPEOLA POISONOUS FISH HARENGULA HUMERALIS COELENTERATA AS SHELTER FOR FISH POISONOUS FISH HARENGULA KONIGSBERGERI DISTRIBUTION	801917 801949 801917 803359
	CLUPEA PALLASII GENERAL STRUCTURE AND BEHAVIOR LDH ISOENZYMES PLEISTOCENE BRAIN ANATOMY HISTOLOGY SAGITTA EGG SIZE ARCHEOLOGICAL DATA	803183 800180 800407 803183 800407 800834 800521	HARENGULA PENSACOLAE HABITAT PREFERENCE HARENGULA THRISSINA CIRCADIAN RHYTHMS FEEDING SCHOOLING FUNCTION	801949 800379 800379 800379 800379
	CLUPEA PILCHARDUS BIOCHEMICAL BLOOD CONSTITUENTS POLYMORPHISM HEMOGLOBIN BIOCHEMISTRY POLYMORPHISM INFRA SPECIFIC VARIATION	800761 802009 802008 800761	HARENGULA ZUNASI GENERAL STRUCTURE AND BEHAVIOR BRAIN ANATOMY HISTOLOGY REPRODUCTIVE SEASON GUT CONTENTS HERKLOTSICHTHYS IDENTIFYING CHARACTERS	803183 802516 802516 803205
	CLUPEA SARDINITES SYNONYMY MORPHOMETRICS OLIGOCENE SKELETON ANATOMY CLUPEONELLA EUTROPIC LAKES PRODUCTIVITY	802662 802662 802662 802662	HILSA NEMATODA PARASITE SYSTEMATICS HILSA ILISHA MORPHOMETRICS AXIAL SKELETAL MUSCLES HISTOLOGY LIPID AND FATTY ACID CONTENT BIOCHEMISTRY	802049 802373 801651
	CLUPEONELLA CULTRIVENTRIS GILL MUSCLES GILLS ANATOMY HISTOLOGY ARTERIAL SYSTEM GILLS VENOUS SYSTEM GILLS	801553 801089 801089 801089	RED MUSCLES HISTOLOGY BIOCHEMISTRY LIPID AND FATTY ACID CONTENT OVARIAN CYCLES FECUNDITY INFRA SPECIFIC VARIATION POPULATIONS REPRODUCTIVE SEASON MIGRATIONS	801651 802766 802766 802373 802373 802766 802766
	CLUPEONELLA DELICATULA DIGenea INCIDENCE OF INFECTION DOROSOMA CENTRARCHIDAE MICROPTERUS SALMOIDES AS PREDATOR POPULATION DENSITY	801416 801377 801377	ILISHA AFRICANA VERTICAL DISTRIBUTION ILISHA ELONGATA HABITAT PREFERENCE ILISHA FILIGERA FISHERY STATISTICS JENKINSIA LAMPROTAENIA RELATIONSHIPS ORIENTATION WITH LIGHT SOURCE	802408 802819 800443 801949 800556 802991
	DOROSOMA CEPEDIANUM LATERAL LINE PORES AND CANALS ANATOMY OVARIAN CYCLES DISTRIBUTION WITHIN HABITAT OXYGEN DESCRIPTION AND OCCURRENCE SILT DESCRIPTION AND OCCURRENCE DISTRIBUTION POPULATION CHANGES	800249 801684 801877 801375 801375 802884 800344 802156 802748 801877	KONOSIRUS PUNCTATUS GENERAL STRUCTURE AND BEHAVIOR REPRODUCTIVE SEASON LILE RELATIONSHIPS LIMNOTHRISSA MIODON ISOPODA PARASITE LIFE HISTORY PARASITE SYSTEMATICS ODONTOGNATHUS MUCRONATUS SYNONYMY OPISTHONEMA OGLINUM POISONOUS FISH OPISTHOPTERUS TARDOORE GENERAL EMBRYOLOGY EGG LARVA DEVELOPMENT	803183 802516 801276 801229 801859 801917 801931 801931 801931
	STANDING CROP ACID POLLUTANTS DESCRIPTION AND OCCURRENCE FISH TRANSPORTATION ANESTHETICS DOROSOMA PETENENSE SKULL DEVELOPMENT	800888 802849		

PELLONULA AFZELIUSI		FISHERY DYNAMICS	802966	CLUPEIDAE
RELATIONSHIPS	801276	FISHERY STATISTICS	801610	(CONTINUED)
PELONULA VORAX		NATURAL MORTALITY	802966	
ADENOHYPHYSIS		REGULATION OF CATCH	801815	
HISTOLOGY		OVERFISHING	801778	PELLONULA
DESCRIPTIVE EVOLUTION	803414	FISH CULTURAL METHODOLOGY	803263	TO
PLATANICHTHYS PLATANA		SARDINOPS MELANOSTICTA		STOLOTHRISSA
NEW GENUS	801276	GENERAL STRUCTURE AND BEHAVIOR	803183	
RELATIONSHIPS	801276	BRAIN		
JAWS	801276	ANATOMY		DENTICIPITIDAE
POMOLOBUS		HISTOLOGY	803183	
OLIGOCENE	802662	DISTRIBUTION WITHIN HABITAT		
RAMNOGASTER		EGG	800555	ENGRAULIDAE
RELATIONSHIPS	801276	LARVA	800555	
JAWS	801276	REPRODUCTIVE SEASON	800555	
RHINOSARDINIA		GUT CONTENTS	802516	ANCHOA
JAWS	801276	SARDINOPS NEOPILCHARDUS		
SARDINA PILCHARDUS		DISTRIBUTION	800332	
RELATIONSHIPS	801906	SARDINOPS SAGAX		
CAUDAL SKELETON		ARCHEOLOGICAL DATA	800521	
DEVELOPMENT	802680	SPRATTUS SPRATTUS		
PINEAL		PESTICIDE CONTENT	800726	
ULTRASTRUCTURE	800014	CAUDAL SKELETON		
PINEAL LIGHT SENSITIVITY	800014	DEVELOPMENT	802680	
PINEAL ENDOCRINOLOGY	800014	HEMOGLOBIN		
EGG		POLYMORPHISM	802140	
DEVELOPMENT		SERUM TRANSFERRIN		
IDENTIFICATION	803040	POLYMORPHISM		
INFRASPECIFIC VARIATION	801906	INHERITANCE	802140	
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DISTRIBUTION WITHIN HABITAT		IDENTIFICATION	803040	
EGG		DISTRIBUTION WITHIN HABITAT		
LARVA	802012	EGG		
LIGHT		LARVA	802688	
EFFECT ON FISH		SALINITY		
EGG	801997	EFFECT ON FISH		
POPULATION DENSITY		EGG		
EGG	801562	MINERAL CONTENT	801945	
REPRODUCTIVE SEASON	802012	DISTRIBUTION		
SEASONAL ABUNDANCE		EGG	800972	
EGG	803040	LARVA	800972	
LARVA	803040	MIGRATIONS	802026	
MIGRATIONS	802026	HABITAT DESTRUCTION	800476	
REPRODUCTION *	801906	STOLOTHRISSA TANGANICAE		
HISTORY OF FISHERIES	801906	ISOPODA		
FISHING METHODS	801906	PARASITE LIFE HISTORY		
SARDINELLA		PARASITE SYSTEMATICS	801229	
IDENTIFYING CHARACTERS	803205			
SARDINELLA AURITA				
MERISTICS				
VERTEBRAE	802007			
LIPID AND FATTY ACID CONTENT		DENTICIPITIDAE		
SEASONAL CHANGES	802003	RELATIONSHIPS	801986	
SEASONAL ABUNDANCE	802819	DENTICEPS CLUPEOIDES		
SARDINELLA JUSSIEU		RELATIONSHIPS	800265	
FECUNDITY	802819		800616	
TEMPERATURE			802680	
DESCRIPTION AND OCCURRENCE	802819	ODONTODES	800616	
SALINITY		CAUDAL SKELETON		
DESCRIPTION AND OCCURRENCE	802819	ANATOMY	800616	
REPRODUCTIVE SEASON	802819	DESCRIPTIVE EVOLUTION	802680	
SEASONAL ABUNDANCE	802819	PECTORAL GIRDLE		
FEEDING		ANATOMY	800616	
YOUNG	802819	PELVIC GIRDLE		
SARDINELLA LONGICEPS		ANATOMY	800616	
ANAL FIN		VISCERAL SKELETON		
ABNORMALITY	801939	ANATOMY	800616	
CAUDAL FIN		HYOID ARCH	801986	
ABNORMALITY	801939	BRANCHIOSTEGALS	801986	
AXIAL SKELETON		SKULL		
ABNORMALITY	801939	ANATOMY	800616	
JUVENILE		JAW MUSCLES		
SEASONAL ABUNDANCE	800959	ANATOMY	800616	
REPRODUCTIVE SEASON	800959	GAS BLADDER		
GUT CONTENTS	802649	ANATOMY	800265	
SCHOOLING	802649	STOMACH		
REPRODUCTION	802649	ANATOMY	800265	
SARDINELLA MARQUESENSIS		KIDNEY		
NEW SPECIES	803205	ANATOMY	800265	
RELATIONSHIPS	803205	OVARY		
SYNONYMY	803205	ANATOMY	800265	
MERISTICS	803205	TESTIS		
GILL RAKERS		ANATOMY	800265	
CHANGE WITH AGE	803205	PALAEODENTICEPS TANGANIKAE		
DISTRIBUTION	803205	RELATIONSHIPS	800616	
SARDINOPS		OLIGOCENE	800616	
PLEISTOCENE	802927	ODONTODES	800616	
OTOLITHS	802927	CAUDAL SKELETON		
SARDINOPS CAERULEA		ANATOMY	800616	
ION AND WATER RELATIONSHIPS		VISCERAL SKELETON		
LARVA	801610	ANATOMY	800616	
MAINTENANCE ENERGY REQUIREMENTS	801610	SKULL		

ENGRAULIDAE (CONTINUED)	SEASONAL ABUNDANCE	802506	AGE CLASS DISTRIBUTION	800921
	ANCHOA LAMPROTAENIA		REPRODUCTIVE SEASON	800555
	IDENTIFYING CHARACTERS	801949		800921
ANCHOA	ANCHOA LYOLEPIS		SEASONAL ABUNDANCE	802516
TO	IDENTIFYING CHARACTERS	801917	LARVA	802900
THRYSSEA	DISTRIBUTION	801917	GUT CONTENTS	802516
	ANCHOA MITCHILLI		MIGRATIONS	800921
	IDENTIFYING CHARACTERS	802244	ENGRAULIS MORDAX	
	EGG		LDH ISOENZYMES	
	VERTICAL DISTRIBUTION	800559	HEART	
	GROWTH	800418	AXIAL SKELETAL MUSCLES	800601
	DISTRIBUTION	802244	PLEISTOCENE	800407
		802259	SAGITTA	800407
	CIRCADIAN RHYTHMS	800418		802598
	SEASONAL ABUNDANCE	802506	FECUNDITY	802878
ANCHOA NASO			SEXUALLY DIMORPHIC SIZE	802878
	FECUNDITY	802878	EGG	802878
	EGG	802878	SEX RATIO	802878
ANCHOVIELLA BREVIROSTRIS			INFRASPECIFIC VARIATION	801610
DISTRIBUTION		801041	POLYMORPHISM	
GUT CONTENTS		801041	PROTEIN SPECIFICITY	
ANCHOVIELLA PURPUREA			BIOCHEMICAL BLOOD CONSTITUENTS	801815
DISTRIBUTION		801775	MARKING AND TAGGING	801815
BAIT FISH		801775	DISTRIBUTION WITHIN HABITAT	
CETENGRAULIS MYSTICETUS			LARVA	801778
FECUNDITY		802878	VERTICAL DISTRIBUTION	802141
EGG		802878	LARVA	801815
COILIA			MAMMALIA	802141
KEY		801927	AS PREDATOR	
CAUDAL SKELETON			DISTRIBUTION	802598
ANATOMY			EGG	801815
DESCRIPTIVE EVOLUTION		802680	LARVA	801610
INDIAN O		801927	POPULATION STRUCTURE	803494
COILIA CANTORIS			POPULATION DENSITY	801815
INVALIDATION		801927	INTERSPECIFIC COMPETITION	801778
COILIA DUSSUMIERI			REPRODUCTIVE SEASON	802823
EYE			FEEDING	801610
BACTERIAL DISEASES		802294	LARVA	801815
COILIA MYSTUS			GUT CONTENTS	801815
SYNONYMY		801927	SCHOOLING	
COILIA NEGLECTA			CIRCADIAN RHYTHMS	801815
NEW SPECIES		801927	HISTORY OF FISHERIES	801610
RELATIONSHIPS		801927	REGULATION OF CATCH	801815
REPRODUCTIVE SEASON		801927	ENGRAULIS MYSTAX	
COILIA RAMCARATI			MONOGENEA	
REDESCRIPTION		801927	PARASITE SYSTEMATICS	802539
SYNONYMY		801927		802938
ENGRAULIS			ENGRAULIS RINGENS	
PLEISTOCENE		802927	RATE OF GROWTH	801311
OTOLITHS		802927	OTOLITH AGE STUDY	801311
FECUNDITY			HISTORY OF FISHERIES	801383
ADAPTATION			SETIPINNA	
HABITAT DESTRUCTION		802444	KEY	801927
ENGRAULIS AUSTRALIS			SETIPINNA GODAVARI	
DISTRIBUTION		800332	SYNONYMY	801927
ENGRAULIS ENCRASICOLUS			INVALIDATION	801928
MERISTICS		801399	SETIPINNA GODAVARIENSIS	
		802817	NEW NAME	801928
VERTEBRAE		802007	RELATIONSHIPS	801928
MORPHOMETRICS		802817	MERISTICS	801928
GILL MUSCLES		801089	MORPHOMETRICS	801928
OTOLITHS			OVARIAN CYCLES	801928
ANATOMY		802517	FECUNDITY	801928
GILLS			GEOGRAPHIC VARIATION	801928
ANATOMY			GUT CONTENTS	
HISTOLOGY		801089	SEASONAL CHANGES	801928
ARTERIAL SYSTEM			SETIPINNA PHASA	
GILLS		801089	RELATIONSHIPS	801928
VENOUS SYSTEM			REDESCRIPTION	801928
GILLS		801089	DISTRIBUTION	802530
BIOCHEMICAL BLOOD CONSTITUENTS			STOLEPHORUS	
INFRASPECIFIC VARIATION		802817	KEY	801927
RATE OF GROWTH			STOLEPHORUS BATAVIENSIS	
GEOGRAPHIC VARIATION		803165	SYNONYMY	801927
INFRASPECIFIC VARIATION		801399	STOLEPHORUS HETEROLOBUS	
GEOGRAPHIC VARIATION		802007	SYNONYMY	801927
		802817	STOLEPHORUS INSULARIS	
GILL RAKERS		801399	INVALIDATION	801927
SUBLITTORAL ZONE		803131	STOLEPHORUS MACROPS	
DISTRIBUTION WITHIN HABITAT			SYNONYMY	801927
EGG		802011	STOLEPHORUS PSEUDOHETEROLOBUS	
VERTICAL DISTRIBUTION			INVALIDATION	801927
EGG		800980	STOLEPHORUS PURPUREUS	
LARVA		800980	BAIT FISH	801775
DISTRIBUTION		803131	THRISSEA HAMILTONII	
EGG		800972	SEASONAL ABUNDANCE	802819
LARVA		803040	THRISSEA BAEALAMA	
POPULATION CHANGES		802004	IDENTIFYING CHARACTERS	
AVAILABILITY AND USE OF FOOD		803165	JUVENILE	801927
REPRODUCTIVE SEASON		802011	THRISSEA NASUTA	
SEASONAL ABUNDANCE			DISTRIBUTION	800394
EGG		803040	THRYSSEA	
ENGRAULIS HEPSETUS			KEY	801927
SUBLITTORAL ZONE		803131	THRYSSEA DUSSUMIERI	
DISTRIBUTION		803131	IDENTIFYING CHARACTERS	801927
ENGRAULIS JAPONICUS			THRYSSEA MALABARICA	
GENERAL STRUCTURE AND BEHAVIOR		803183	SYNONYMY	801927
BRAIN			THRYSSEA VITRIROSTRIS	
ANATOMY			IDENTIFYING CHARACTERS	801927
HISTOLOGY		803183		
BRACKISH ENVIRONMENT				
EUTROPIC LAKES		802516		
DISTRIBUTION WITHIN HABITAT				
EGG		800555		
		800921		
LARVA		800555		
SEASONAL CHANGES		802516		

<b>ANGUILLIFORMES</b>		EFFECT ON FISH	<b>800634</b>	ANGUILLIFORMES
RELATIONSHIPS	<b>801986</b>	CORPUSCLES OF STANNIUS		
GENERAL STRUCTURE AND BEHAVIOR	<b>801371</b>	EXPERIMENTAL ANALYSIS	<b>801300</b>	ANGUILLIDAE
LARVA		ULTIMOBONCHIAL BODY	<b>801415</b>	
ANATOMY		EXPERIMENTAL ANALYSIS		
DESCRIPTIVE EVOLUTION	<b>801371</b>	CALCITONIN		
		CALCIUM		
		EFFECT ON FISH	<b>801300</b>	
<b>ANGUILLIDAE</b>		CHLORIDE CELLS		
RELATIONSHIPS	<b>802680</b>	ULTRASTRUCTURE	<b>801365</b>	
IDENTIFYING CHARACTERS	<b>802689</b>	FUNCTION		
ADENOHYPOPHYSIS		HEART NERVE SUPPLY		
HISTOLOGY		EXPERIMENTAL ANALYSIS	<b>802661</b>	
FUNCTION	<b>803461</b>	ERYTHROCYTES		
ULTRASTRUCTURE	<b>803461</b>	HYDROGEN ION CONCENTRATION		
MAXIMUM SIZE	<b>802689</b>	ION AND WATER RELATIONSHIPS	<b>803351</b>	
ZOOGEOGRAPHY	<b>800279</b>	SERUM TRANSFERRIN		
CESTODA		POLYMORPHISM		
AS PARASITE	<b>800544</b>	INFRASPECIFIC VARIATION	<b>803117</b>	
DISTRIBUTION	<b>802689</b>	GEOGRAPHIC VARIATION	<b>801958</b>	
ANGUILLA		SERUM PROTEINS	<b>801911</b>	
ION AND WATER RELATIONSHIPS		LIPOPROTEINS	<b>801911</b>	
DESCRIPTION AND OCCURRENCE		IMMUNOLOGICAL REACTIONS		
MIGRATIONS	<b>803459</b>	LIVER		
ADENOHYPOPHYSIS		FUNCTION	<b>800731</b>	
FUNCTION		EXPERIMENTAL ANALYSIS	<b>800634</b>	
MIGRATIONS	<b>803459</b>	KIDNEY		
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MERISTICS	802202	DISTRIBUTION	801518	
DIGenea		VARHOSTICHTHYS BREVIS		
PARASITE SYSTEMATICS	800585	GROSS EXTERNAL ANATOMY	803299	APTERONOTIDAE
CESTODA		OLIGOCENE	803299	
PARASITE SYSTEMATICS	800585	MIOCENE	803299	
NEMATODA		SKULL	803299	
AS PARASITE	800585	VARICORHINUS		
ACANTHOCEPHALA		VALIDATION	802901	
PARASITE SYSTEMATICS	800585	MOUTH		
COPEPODA		INFRASPECIFIC VARIATION	802901	
AS PARASITE	800585	VARICORHINUS NELSPRUITENSIS		
DISTRIBUTION	802202	IDENTIFYING CHARACTERS	802901	
SEMOTILUS ATROMACULATUS X		DISTRIBUTION	802901	
HYBOGNATHUS HANKINSONI X		FEEDING	802689	
NATURAL HYBRIDIZATION	802534	VIMBA VIMBA		
SEMOTILUS MARGARITA		FECUNDITY	803159	
IDENTIFYING CHARACTERS		GENERAL EMBRYOLOGY		
BARBELS	802202	EXPERIMENTAL ANALYSIS		
MERISTICS	802202	TEMPERATURE	802804	
DISTRIBUTION	802202	RESERVOIRS	803159	
SQUALIDUS CHANKAENSIS		ENVIRONMENT MANIPULATION		
VALIDATION	803157	ARTIFICIAL BREEDING ENVIRONMENTS		
SQUALIUS CEPHALUS		ARTIFICIAL REARING ENVIRONMENTS	802491	
VERTEBRAE		XYRAUCHEN TEXANUS		
HISTOLOGY	800628	REDUCTION OF RANGE BY MAN	800137	
AURAL SENSITIVITY AND ACUITY	800837	ZACCO		
AVOIDANCE RESPONSES	800837	IDENTIFYING CHARACTERS	801891	
STRESS REACTIONS	800837	ZACCO ASPERUS		
TINCA TINCA		INVALIDATION	801891	
ION AND WATER RELATIONSHIPS		ZACCO BARBATUS		
EXPERIMENTAL ANALYSIS		NUPTIAL TUBERCLES	801891	
VAGUS NERVE	802661	ZACCO PACHYCEPHALUS		
	803112	VALIDATION	801891	
MYODOME		DISTRIBUTION	801891	
ANATOMY	801191	ZACCO PLATYPUS		
EYE MUSCLES		NUPTIAL TUBERCLES	801891	
ANATOMY	801191	EGG		
GUT MUSCLES		HISTOLOGY	801483	
FUNCTION	801164	FERTILIZATION	801483	
MAUTHNER NEURONE		INFRASPECIFIC VARIATION	801891	
EXPERIMENTAL ANALYSIS		EXPANSION OF RANGE BY MAN	801005	
FUNCTION	803287	PROTOZOAN ICHTHYOTOXINS		
AUTONOMIC NERVOUS SYSTEM		EXPERIMENTAL ANALYSIS	800901	
EXPERIMENTAL ANALYSIS	801164	FISH KILL	800901	
AURAL SENSITIVITY AND ACUITY	800837	ZACCO SPILURUS		
ADRENALINE		IDENTIFYING CHARACTERS	801891	
SEASONAL CHANGES	801813	SYNONYMY	801891	
EFFECT ON FISH		SUBSPECIES	801891	
GLUCOSE CONTENT	801143	NUPTIAL TUBERCLES	801891	
NORADRENALINE		INFRASPECIFIC VARIATION	801891	
SEASONAL CHANGES	801813	ZACCO TEMMINCKI		
LEUCOCYTES	800740	DISTRIBUTION	801891	
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DEVELOPMENT	800740			
HEMOGLOBIN				
POPULATION GENETICS	800495			
INTESTINE		GYRINOCHEILIDAE		
FUNCTION	801164	GYRINOCHEILUS AYMONIERI		
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GROWTH	800420	HOMALOPTERA ZOLLINGERI		
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EGG	802483	DISTRIBUTION	800965	
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GUT MUSCLES	801166	DISTRIBUTION	800965	
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RHAMPHICHTHYIDAE	STERNARCHELLA CURVIOPERCULATA NEW SPECIES	802591	ELECTRORECEPTION ORGANS FUNCTION	801373
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AMBLYCIPITIDAE	STERNARCHUS LEPTORHYNCHUS ELECTRIC ORGANS FUNCTION	801373	STEATOGENYS ELEGANS BRANCHIOSTEGALS	801986
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	HYDROGEN ION CONCENTRATION EFFECT ON FISH OXIDATIVE METABOLISM	801621	BRANCHIOSTEGALS AMPHILIUS NATALENSIS IDENTIFYING CHARACTERS DISTRIBUTION	802689 802689
			AMPHILIUS PLATYCHIR IDENTIFYING CHARACTERS SYNONYMY HYOID ARCH	802689 801217 801986
	GYMNOTIDAE GENERAL STRUCTURE AND BEHAVIOR ELECTRIC ORGANS ULTRASTRUCTURE	801272 800815 800399	BRANCHIOSTEGALS DISTRIBUTION GUT CONTENTS	801986 802689 801217
	AMPULLARY RECEPTORS ULTRASTRUCTURE FUNCTION DESCRIPTIVE EVOLUTION	800399 800399 800399	ANDERSONIA LEPTURA CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION	802680
	EIGENMANNIA ELECTRIC ORGANS FUNCTION ELECTRORECEPTION ORGANS FUNCTION	801373 801373		
	EIGENMANNIA VIRESCENS DISTRIBUTION GUT CONTENTS	801041 801041	ARIIDAE KEY DISTRIBUTION	802036 802036 802649
	GYMNOTUS ELECTRIC ORGANS FUNCTION INNERVATION OPERANT CONDITIONING ELECTRIC ORGANS	803446 803446	ARIUS REDESCRIPTION KEY VERTICAL DISTRIBUTION	802036 802036 802408
	GYMNOTUS ANGUILLARIS IDENTIFYING CHARACTERS SYNONYMY DISTRIBUTION	802934 802934 802934	ARIUS CAELATUS SYNONYMY ARIUS HEUDELOTI SUBLITTORAL ZONE DIGENA	802036 803131
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	RHAMPHICHTHYIDAE			



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OTOLITHS	800710	RELATIONSHIPS	802896	(CONTINUED)
DIGENEA		REDESCRIPTION	802896	
PARASITE SYSTEMATICS	801762	SYNONYMY	802896	
ARIUS THALASSINUS		DISTRIBUTION	802896	AUCHENIPTERIDAE
SYNONYMY	800710	BAGRICHTHYS MACROPTERUS		
MERISTICS	802036	RELATIONSHIPS	802896	
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OTOLITHS	800710	DISTRIBUTION	802896	
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ARIUS VENOSUS		SYNONYMY	802896	
SYNONYMY	802036	KEY	802896	
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PLIOCENE	800460	RELATIONSHIPS	802896	
PLEISTOCENE	800460	SYNONYMY	802896	
PECTORAL FIN SKELETON	800460	DISTRIBUTION	802896	
FECUNDITY	803295	BAGROIDES MELAPTERUS		
GROWTH	800418	RELATIONSHIPS	802896	
CIRCADIAN RHYTHMS	800418	REDESCRIPTION	802896	
REPRODUCTIVE SEASON	803295	SYNONYMY	802896	
SEASONAL ABUNDANCE	802506	SKULL		
GUT CONTENTS	803295	ANATOMY	802896	
SOUND PRODUCTION	800411	DISTRIBUTION	802896	
BATRACHOCEPHALUS MINO		BAGRUS BAYAD		
REDESCRIPTION	802036	HISTORY OF ICHTHYOLOGY		
SYNONYMY	802036	MASS MORTALITIES	801833	
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HYOID ARCH	801986	MONOGENEA		
BRANCHIOSTEGALS	801986	PARASITE SYSTEMATICS	801989	
GALEICHTHYS FELIS		CHRYSICTHYS		
PLIOCENE	800460	MERISTICS	803015	
PLEISTOCENE	800460	CHRYSICTHYS MABUSI		
PECTORAL FIN SKELETON	800460	FECUNDITY	800245	
HYOID ARCH	801986	MOLLUSCA		
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TELENCEPHALON		REPRODUCTIVE SEASON	800245	
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RNA CONTENT AND FUNCTION	803035	GUT CONTENTS	800245	
NOSE		USE IN BIOLOGICAL CONTROL	800245	
FUNCTION		CHRYSICTHYS NIGRODIGITATUS		
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LENS		PARASITE SYSTEMATICS		
BIOCHEMISTRY		INCIDENCE OF INFECTION	800957	
PROTEIN CONTENT	800240	COREOBAGRUS		
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BIOCHEMISTRY	802777	REDEFINITION	802896	
GROWTH	800418	SYNONYMY	802896	
DECAPODA		KEY	802896	
AS FOOD FOR FISH	802790	DISTRIBUTION	802896	
CIRCADIAN RHYTHMS	800418	GEPHYROGLANIS		
REPRODUCTIVE SEASON	803295	CAUDAL SKELETON		
SEASONAL ABUNDANCE	802506	ANATOMY		
SOUND PRODUCTION	800411	DESCRIPTIVE EVOLUTION	802680	
SEASONAL CHANGES	803295	GEPHYROGLANIS SCLATERI		
OSTEOGENEOSUS MILITARIS		IDENTIFYING CHARACTERS	802689	
REDESCRIPTION	802036	DISTRIBUTION	800938	
SYNONYMY	802036	HETEROBAGRUS	802689	
FISHERY STATISTICS	800443	RELATIONSHIPS	802896	
TACHYSURUS DUSSUMIERI		REDESCRIPTION	802896	
ALBINISM	801938	SYNONYMY	802896	
FISHERY STATISTICS	800443	DISTRIBUTION	802896	
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TACHYSURUS SONA		RELATIONSHIPS	802896	
RATE OF GROWTH	803421	REDESCRIPTION	802896	
TACHYSURUS THALASSINUS		SYNONYMY	802896	
FISHERY STATISTICS	800443	DISTRIBUTION	802896	
FISH KILL	800446	LEIOCASSIS		
		RELATIONSHIPS	802896	
		SYNONYMY	802896	
		KEY	802896	
		DISTRIBUTION	802896	
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TRACHYCORYSTES		CILIATA		
FISH CULTURAL METHODOLOGY	800036	AS PARASITE	800356	
TRACHYCORYSTES GALEATUS		LEPTOGLANIS ROTUNDICEPS		
DISTRIBUTION	801041	IDENTIFYING CHARACTERS	802689	
		DISTRIBUTION	802689	
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RELATIONSHIPS	802680	HYOID ARCH	801986	
KEY	803015	BRANCHIOSTEGALS	801986	
	802530	MYSTUS AOR		
	802896	DAMS AND BARRIERS		
MONOGENEA		EFFECT ON FISH	802660	
INCIDENCE OF INFECTION	801816	MYSTUS BLEEKERI		
DIGENEA		COLORATION		
PARASITE SYSTEMATICS		ABNORMALITY	802940	
INCIDENCE OF INFECTION	800957	HYOID ARCH	801986	
NEMATODA		BRANCHIOSTEGALS	801986	
PARASITE SYSTEMATICS	802671	MYSTUS GULIO		
COPEPODA		ADRENAL MEDULLA		
INCIDENCE OF INFECTION	801816	RESERPINE		
PARASITE SYSTEMATICS	801230	EXPERIMENTAL ANALYSIS	803483	
HOST SPECIFICITY	802530	REDUCTION OF RANGE BY MAN	801430	
DISTRIBUTION	800174	MYSTUS SEENGHALA		
IMPOUNDMENT MANIPULATION		AXIAL SKELETAL MUSCLES		
BAGRICHTHYS		BIOCHEMISTRY		
KEY	802896	CHANGE WITH AGE	803277	
BAGRICHTHYS HYPSELOPTERUS		SEASONAL CHANGES	801327	
RELATIONSHIPS	802896	LIVER		
REDESCRIPTION	802896	BIOCHEMISTRY		
DISTRIBUTION	802896	SEASONAL CHANGES	801327	
		OVARY		
		BIOCHEMISTRY		
		SEASONAL CHANGES	801327	

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CALICHTHYIDAE	DIGENEA PARASITE SYSTEMATICS REPRODUCTIVE SEASON DAMS AND BARRIERS EFFECT ON FISH	802435 801327 802660	CORYDORAS AENEUS SKIN ULTRASTRUCTURE FUNCTION MUCUS GLANDS ULTRASTRUCTURE FUNCTION PHEROMONE GLANDS ULTRASTRUCTURE FUNCTION HYOID ARCH BRANCHIOSTEGALS CORYDORAS HASTATUS REPRODUCTION CORYDORAS MULTIMACULATUS GENERAL STRUCTURE AND BEHAVIOR CORYDORAS PALEATUS EGG FRY REPRODUCTION CORYDORAS PYGMAEUS REPRODUCTION CORYDORAS SCHULTZEI REPRODUCTION DIANEMA LONGIBARBIS STAGNANT WATERS TEMPERATURE HOPILOSTERNUM LITTORALE HYOID ARCH BRANCHIOSTEGALS GUT RESPIRATION BLOOD SYSTEM FOR AIR BREATHING HOPILOSTERNUM THORACATUM REPRODUCTION	800292 800292 800293 800293 800294 800294 801986 801986 800318 801675 801714 801714 800846 800318 800659 800219 800219 801986 801986 803432 803432 802499
CHACIDAE	MYSTUS TENGARA CORPORA LUTEA HISTOLOGY FUNCTION OVARIAN CYCLES FECUNDITY TEMPERATURE DESCRIPTION AND OCCURRENCE MYSTUS VITTATUS NUCLEUS PREOPTICUS HISTOLOGY NEUROHYPOPHYSIS ANATOMY ADENOHYPHYSIS FUNCTION THYROID STIMULATING HORMONE THYROID STIMULATING HORMONE EXPERIMENTAL ANALYSIS SEASONAL CHANGES THYROID EXPERIMENTAL ANALYSIS TESTIS SEASONAL CHANGES ANDROGENS EFFECT ON FISH THYROID LIGHT EFFECT ON FISH DARKNESS EFFECT ON FISH SEASONAL CHANGES INSECTICIDE POLLUTANTS CHLORDANE LETHAL ENVIRONMENTAL LIMITS PELTOBAGRUS RELATIONSHIPS SYNONYMY KEY DISTRIBUTION PELTOBAGRUS NITIDUS GAS BLADDER ANATOMY PELTOBAGRUS UNICEPS GENERAL STRUCTURE AND BEHAVIOR BRAIN ANATOMY HISTOLOGY JUXTAGLOMERULAR APPARATUS HISTOLOGY PELTOBAGRUS VACHELLII NEOTYPE PORCUS BAYAD CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION PSEUDOBAGRUS RELATIONSHIPS SYNONYMY KEY DISTRIBUTION PSEUDOBAGRUS FULVIDRACO CILIATA AS PARASITE RHEOGLANIS DENDROPHORUS REDESCRIPTION HABITAT PREFERENCE RITA RITA VISCERAL SKELETAL MUSCLES ANATOMY FUNCTION JAW MUSCLES ANATOMY FUNCTION NUCLEUS PREOPTICUS HISTOLOGY NEUROHYPOPHYSIS ANATOMY GILLS HISTOLOGY CIRCULATORY SYSTEM HEMOGLOBIN ZAIKEICHTHYS ZONATUS NEW SPECIES NEW GENUS RELATIONSHIPS HABITAT PREFERENCE	802595 802595 802957 802957 802957 803487 803487 801290 800667 800164 803485 800286 800667 801290 800286 800667 800667 800164 802640 802896 802896 802896 802896 802896 803183 803183 801590 802896 802680 802896 802896 802896 802896 800356 803015 803015 803022 803022 803487 803487 800325 800688 803015 803015 803015 803015 803015	CHACIDAE CHACA CHACA HYOID ARCH BRANCHIOSTEGALS DISTRIBUTION CLARIIDAE RELATIONSHIPS MONOGENEA INCIDENCE OF INFECTION COPEPODA INCIDENCE OF INFECTION HOST PARASITE INTERACTIONS PARASITE SYSTEMATICS HOST SPECIFICITY CLARIAS BATRACHUS IDENTIFYING CHARACTERS ALBINISM NUCLEUS PREOPTICUS HISTOLOGY NEUROHYPOPHYSIS ANATOMY GILLS HISTOLOGY CIRCULATORY SYSTEM GAS BLADDER ANATOMY ERYTHROCYTES ANATOMY FUNCTION LEUCOCYTES HISTOLOGY HEMOGLOBIN OVARY EXPERIMENTAL ANALYSIS UNILATERAL COMPENSATION CORPORA LUTEA OVARIAN CYCLES DISTRIBUTION EXPANSION OF RANGE BY MAN REPRODUCTIVE SEASON REPRODUCTION FISH CULTURAL METHODOLOGY CLARIAS GARIEPINUS IDENTIFYING CHARACTERS SYNONYMY FECUNDITY EGG DEVELOPMENT MAXIMUM SIZE DISTRIBUTION REPRODUCTIVE SEASON GUT CONTENTS CANNIBALISM REPRODUCTION MATING CLARIAS LAZERA DISTRIBUTION	801986 801986 802530 802680 801816 801816 801230 801230 802081 801649 803487 803487 800325 801942 801616 801606 800688 803479 800713 800713 802530 801649 800713 802081 802689 801217 801217 801283 802689 800938 802689 801217 801283 801217 802689 801283 802714
CLARIIDAE	CAUDAL SKELETON ANATOMY DESCRIPTIVE EVOLUTION BROCHIS COERULEUS GENERAL STRUCTURE AND BEHAVIOR	802680 800595		



ICTALURIDAE (CONTINUED)	SALINITY		FUNCTION	
	LETHAL ENVIRONMENTAL LIMITS	802982	DESCRIPTIVE EVOLUTION	801567
	DIGENEA		TRAPPING	
	PARASITE SYSTEMATICS	802876	EXPERIMENTAL ANALYSIS	802705
ICTALURUS CATUS	CESTODA		USE AS TEST ANIMAL	
TO	PARASITE SYSTEMATICS	802876	IMMUNOLOGICAL ANALYSIS	803301
ICTALURUS PUNCTATUS	EXPANSION OF RANGE BY MAN	800279	TEMPERATURE	
	ICTALURUS LAMBDA		EFFECT ON FISH	
	PLIOCENE	801354	OXYGEN CONSUMPTION	
	ICTALURUS MELAS		OXIDATIVE METABOLISM	801506
	IDENTIFYING CHARACTERS	803153	FEEDING	802425
	PELVIC FINS		MONOGENEA	
	ABNORMALITY	802651	PARASITE SYSTEMATICS	800584 800589
	ADIPOSE FIN			
	HISTOLOGY	802200	FEEDING	
	PLEISTOCENE	800144	SEASONAL CHANGES	
	TASTE BUDS		TEMPERATURE	802425
	ADIPOSE FIN	802200	HABITAT PREFERENCE	803123 803124
	HEMOGLOBIN			801012
	INFRASPECIFIC VARIATION	802841	STRESS REACTIONS	
	SERUM PROTEINS		WATERBORNE ANTIREPRODUCTIVE FACTOR	800051
	INFRASPECIFIC VARIATION	802841	ARTIFICIAL POPULATION MANIPULATION	800051
	COEFFICIENT OF CONDITION	802651	ICTALURUS PLATYCEPHALUS	
	FEEDING CAPTIVE FISH	802841	REDESCRIPTION	802119
	USE AS TEST ANIMAL	802841	MERISTICS	802119
	OXYGEN		MORPHOMETRICS	802119
	DESCRIPTION AND OCCURRENCE	801375	ZOOGEOGRAPHY	802119
	SILT		HABITAT PREFERENCE	802119
	DESCRIPTION AND OCCURRENCE	801375	ICTALURUS PUNCTATUS	
	MONOGENEA		GENERAL STRUCTURE AND BEHAVIOR	803233 803248 800326
	HOST PARASITE INTERACTIONS	800585		
	DIGENEA		DNA CONTENT AND FUNCTION	
	PARASITE SYSTEMATICS	800585	OXIDATIVE METABOLISM	
	CESTODA		EXPERIMENTAL ANALYSIS	802280
	PARASITE SYSTEMATICS	800585	PLIOCENE	800460
	AMPHIBIA		PLEISTOCENE	800460
	REJECTION AS FOOD		PECTORAL FIN SKELETON	800460
	EGG	800515	HYOID ARCH	801986
	EXPANSION OF RANGE BY MAN	803153	BRANCHIOSTEGALS	801986
	POPULATION CHANGES	802650	BRAIN	
	POPULATION DENSITY	802651	BIOCHEMISTRY	
	AVAILABILITY AND USE OF FOOD	800135	ENZYMOLGY	802417
	CIRCADIAN RHYTHMS	800135	ACETYLCHOLINESTERASE	
	FEEDING	800135	BIOCHEMISTRY	802390
	EXPERIMENTAL ANALYSIS	800515	HEMOGLOBIN	
	SOUND PRODUCTION	800652	INFRASPECIFIC VARIATION	802841
	DAMS AND BARRIERS		SERUM PROTEINS	
	EFFECT ON FISH		INFRASPECIFIC VARIATION	802841
	WATER MOVEMENT	802785	LIVER	
ICTALURUS NATALIS			BIOCHEMISTRY	
PLEISTOCENE		800144	OXIDATIVE METABOLISM	800565
TEMPERATURE			NITROGEN METABOLISM	803207
ACCLIMATION		800380	TRYPTOPHAN PYRROLASE	
TREATMENT FOR DISEASE			BIOCHEMISTRY	
ACRIFLAVINE			COMPARATIVE ENZYMOLOGY	803313
LETHAL ENVIRONMENTAL LIMITS		802838	HEPATIC DETOXIFICATION	
ICTALURUS NEBULOSUS			DFP	
OXYGEN CONSUMPTION		801199	EXPERIMENTAL ANALYSIS	
PESTICIDE CONTENT			DICHLORVOS	802467
DDT			RATE OF GROWTH	800344 800882 802156 802533 802708 803248 800882 802850
METHOXYCHLOR		802971		
BIOMEMBRANES			ENERGY CONVERSION EFFICIENCY	
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DISTRIBUTION	802244	HISTOLOGY			
POPULATION DENSITY	802378	DESCRIPTIVE EVOLUTION	803414		
REPRODUCTIVE SEASON	802244	LITTORAL ZONE			
HABITAT PREFERENCE	802244	FISH CULTURAL METHODOLOGY	802278		
EXPLOSIONS UNDERWATER		ALGAE			
EFFECT ON FISH	800986	AS FOOD FOR FISH	802278		



LARVA	803040	MERISTICS	801577	ARGENTINIDAE
SUBLITTORAL ZONE	803131	MORPHOMETRICS	801577	(CONTINUED)
BATHYAL ZONE	803131	AXIAL SKELETON	801577	
DISTRIBUTION	803131	CAUDAL SKELETON		
REPRODUCTIVE SEASON	803040	ANATOMY	801577	BATHYLAGIDAE
GLOSSANODON		PECTORAL GIRDLE	801577	
GROSS EXTERNAL ANATOMY	800747	EYE MUSCLES		
OLIGOCENE	800747	ANATOMY	801576	OPISTHOPROCTIDAE
PALEOECOLOGY	800747	EYE		
SAGITTA	802598	ANATOMY	801576	
MAMMALIA		RETINA		
AS PREDATOR	802598	HISTOLOGY	801576	BATHYLACONOIDEI
GLOSSANODON MUSCULI		FECUNDITY	801577	
OLIGOCENE	802662	TESTIS		
NANSENIA		ANATOMY		ESOCOIDEI
SAGITTA	802598	HISTOLOGY	801577	
MAMMALIA		MAXIMUM SIZE	801858	ESOCIDAE
AS PREDATOR	802598	DISTRIBUTION	801577	
		MACROMASTAX GYMNOS		
		INVALIDATION	801577	
<b>BATHYLAGIDAE</b>				
IDENTIFYING CHARACTERS	801858	<b>ESOCOIDEI</b>		
SEX CHROMOSOMES	800363	RELATIONSHIPS	801986	
BATHYLAGUS				
SAGITTA	802598			
MAMMALIA				
AS PREDATOR	802598			
BATHYLAGUS MILLERI		<b>ESOCIDAE</b>		
HYOID ARCH	801986	RELATIONSHIPS	802680	
BRANCHIOSTEGALS	801986	FAUNAL LIST	800120	
BATHYLAGUS PACIFICUS		SPOROZOA		
WEIGHT LENGTH RELATIONSHIP	801858	AS PARASITE	800544	
VERTICAL DISTRIBUTION	801858	DIGENEA		
CRUSTACEA		AS PARASITE	800544	
AS FOOD FOR FISH	801858	CESTODA		
DISTRIBUTION	801858	AS PARASITE	800544	
REPRODUCTIVE SEASON	801858	ACANTHOCEPHALA		
BATHYLAGUS STILBIUS		AS PARASITE	800544	
MASTIGOPHORA		COPEPODA		
INCIDENCE OF INFECTION	800955	AS PARASITE	800544	
PARASITE LIFE HISTORY	800955	ARTIFICIAL PROPAGATION AND PLANTING	800513	
PARASITE SYSTEMATICS	800955	ESOX		
DIGENEA		ANAL FIN SKELETON		
INCIDENCE OF INFECTION	800955	ANATOMY	800406	
DISTRIBUTION	801815	DESCRIPTIVE EVOLUTION	800406	
VERTICAL MIGRATIONS	801858	REPRODUCTION	801437	
LEUROGLOSSUS CALLORHINI		ESOX AMERICANUS		
IDENTIFYING CHARACTERS		IDENTIFYING CHARACTERS	802244	
LARVA	803494	GENERAL STRUCTURE AND BEHAVIOR	800757	
LEUROGLOSSUS STILBIUS		DISTRIBUTION WITHIN HABITAT	801877	
IDENTIFYING CHARACTERS		DISTRIBUTION	802244	
LARVA	803494		802259	
SUBSPECIES	802438	POPULATION CHANGES		
MERISTICS	802438	HABITAT EUTROPHICATION	802980	
MORPHOMETRICS	802438	FEEDING		
DISTRIBUTION	802438	SEASONAL CHANGES		
		TEMPERATURE	802425	
		STANDING CROP	801877	
<b>OPISTHOPROCTIDAE</b>		ESOX AMERICANUS X		
IDENTIFYING CHARACTERS	801858	ESOX NIGER X		
KEY	803323	NATURAL HYBRIDIZATION	802244	
DOLICHOPTERYX LONGIPES		ESOX LUCIUS		
RATE OF GROWTH	801858	IDENTIFYING CHARACTERS	800697	
WEIGHT LENGTH RELATIONSHIP	801858		802244	
MAXIMUM SIZE	801858	GENERAL STRUCTURE AND BEHAVIOR	803048	
VERTICAL DISTRIBUTION	801858	CAUDAL FIN	801218	
OPISTHOPROCTUS GRIMALDII		DEVELOPMENT		
MORPHOMETRICS	803323	MINERAL CONTENT	802511	
INFRASPECIFIC VARIATION	803323	CALCIUM	803476	
VERTICAL DISTRIBUTION	803323	LIPID AND FATTY ACID CONTENT	801398	
DISTRIBUTION	803323	PESTICIDE CONTENT	801950	
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MORPHOMETRICS	803323	DIELDRIN	801398	
INFRASPECIFIC VARIATION	803323	ATP ASE CONTENT AND FUNCTION	800123	
VERTICAL DISTRIBUTION	803323	LDH ISOENZYMES	801565	
BACTERIA		INTERMEDIARY METABOLISM		
AS COMMENSAL		MERCURY		
INTESTINE	801654	HEAVY METAL POLLUTANTS	803082	
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WINTERIA TELESCOPA		SKIN		
RELATIONSHIPS	800409	EXPERIMENTAL ANALYSIS		
GROSS EXTERNAL ANATOMY	800409	PERMEABILITY		
MERISTICS	800409	CHANGE WITH AGE		
MORPHOMETRICS	800409	TEMPERATURE	803477	
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TEMPERATURE		ANATOMY		
DESCRIPTION AND OCCURRENCE	800409	DESCRIPTIVE EVOLUTION	802680	
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DESCRIPTION AND OCCURRENCE	800409	CREATINE KINASE		
DISTRIBUTION	802492	BIOCHEMISTRY	802610	
		GILL MUSCLES	801089	
		BRAIN		
		DEVELOPMENT	800799	
<b>BATHYLACONOIDEI</b>		AURAL SENSITIVITY AND ACUITY	800837	
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	801986	ANATOMY		
BATHYLACO MACROPHthalmus		HISTOLOGY	801089	
NEW SPECIES	801577	ARTERIAL SYSTEM		
BATHYLACO NIGRICANS		GILLS	801089	
RELATIONSHIPS	801576	VENOUS SYSTEM		
IDENTIFYING CHARACTERS	801858	GILLS	801089	
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	SERUM PROTEINS		MIGRATIONS	800421
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	IODINE		STRESS REACTIONS	800837
	FUNCTION	802470		800950
GALAXIOIDEI	PHARYNX AND ESOPHAGUS		MYXOSPORIDIOSIS	
	ULTRASTRUCTURE	801605	INCIDENCE OF INFECTION	801015
	ORAL TEETH		INTENSITY OF INFECTION	801015
	ANATOMY		HISTORY OF FISHERIES	800719
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	SEASONAL CHANGES	803496	EGG	
	INTESTINAL DIGESTION		YOUNG	802972
	SEASONAL CHANGES	803496	PRODUCTIVITY	
	LIVER			802948
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	JUXTAGLOMERULAR APPARATUS			802244
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	DESCRIPTIVE EVOLUTION	801567	HEAVY METAL POLLUTANTS	
	BLADDER		MERCURY	
	HISTOLOGY		EXPERIMENTAL ANALYSIS	803082
	INNERVATION	802230	EFFECT ON FISH	803080
	FECUNDITY	802972	FISH CULTURAL METHODOLOGY	802079
	ADAPTATION		ARTIFICIAL REARING ENVIRONMENTS	800840
	HABITAT DESTRUCTION	802444	ARTIFICIAL FEEDS AND FEEDING	802837
	FEMALE GENITAL PAPILLA	800421	ARCHEOLOGICAL DATA	800638
	SERTOLI CELLS			801702
	FUNCTION			802481
	TESTICULAR CYCLES	803458		803338
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	BIOCHEMICAL SEX DIFFERENCES		ESOX MASQUINONGY X	
	GLUCOSE CONTENT	800950	ARTIFICIAL FEEDS AND FEEDING	802837
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	DEVELOPMENT		IDENTIFYING CHARACTERS	803048
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		800421	DDT	
		800543	DIELDRIN	801398
	RATE OF GROWTH	800840	HYOID ARCH	801986
		802353	BRANCHIOSTEGALS	801986
		802356	RATE OF GROWTH	802548
		803191	NATURAL MORTALITY	802421
	YOUNG	802972	FISHING MORTALITY	802421
	ALLOMETRY	800799	ESOX MASQUINONGY X	
	ADLIBITUM FOOD CAPACITY		ESOX LUCIUS X	
	CHANGE WITH AGE	803496	ARTIFICIAL FEEDS AND FEEDING	802837
	CARYOTYPE	800508	ESOX NIGER	
	GEOGRAPHIC VARIATION	800799	IDENTIFYING CHARACTERS	802244
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	USE AS TEST ANIMAL	802841		802259
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	TEMPERATURE		HABITAT EUTROPHICATION	802980
	EXPERIMENTAL ANALYSIS		ESOX NIGER X	
	GROWTH	800966	ESOX AMERICANUS X	
	SALINITY		NATURAL HYBRIDIZATION	802244
	MERCURY		ESOX REICHERTI	
	EFFECT ON FISH		CILIATA	
	HEAVY METAL POLLUTANTS	803082	AS PARASITE	800356
	OXYGEN			
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	CILIATA		RELATIONSHIPS	802680
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	PARASITE SYSTEMATICS	802161	CAUDAL SKELETON	
	MONOGENEA		ANATOMY	
	INCIDENCE OF INFECTION	801417	DESCRIPTIVE EVOLUTION	802680
	PARASITE LIFE HISTORY		HYOID ARCH	801986
	HOST PARASITE INTERACTIONS	803355	BRANCHIOSTEGALS	801986
	DIGENEA		UMBRA KRAMERI	
	INCIDENCE OF INFECTION		GENERAL STRUCTURE AND BEHAVIOR	801368
	INTENSITY OF INFECTION	802525	ZOOGEOGRAPHY	800929
	HOST PARASITE INTERACTIONS	800585	REPRODUCTION	801368
	PARASITE SYSTEMATICS		UMBRA LIMI	
	CESTODA		FAUNAL LIST	800120
	PARASITE LIFE HISTORY	801180	CAUDAL SKELETON	
		801209	ANATOMY	
	HOST PARASITE INTERACTIONS	802353	DESCRIPTIVE EVOLUTION	802680
	PARASITE SYSTEMATICS	800585	HYOID ARCH	801986
	ULTRASTRUCTURE		BRANCHIOSTEGALS	801986
	PARASITE LIFE HISTORY	801235	EGG	
	COPEPODA		BIOCHEMISTRY	800257
	AS PARASITE	800585	TEMPERATURE	
	DISTRIBUTION	802244	EFFECT ON FISH	
	EXPANSION OF RANGE BY NATURAL MEANS	801364	FEEDING	802425
	POPULATION STRUCTURE	800421	SALINITY	
		802354	DESCRIPTION AND OCCURRENCE	
	POPULATION CHANGES	801756	LETHAL ENVIRONMENTAL LIMITS	800943
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	POPULATION DENSITY	801443	SEASONAL CHANGES	
	INTERSPECIFIC COMPETITION	801443	TEMPERATURE	802425
	AVAILABILITY AND USE OF FOOD		UMBRA PYGMAEA	
	EXPERIMENTAL ANALYSIS	802694	POPULATION CHANGES	
	FOOD CHAINS	801546	HABITAT EUTROPHICATION	802980
	REPRODUCTIVE SEASON	800421		
	HIBERNATION	800428		
	GUT CONTENTS	800129		
		800543		
		801950		
		802353		
		802356		
		803123		
	HABITAT PREFERENCE	803123	GALAXIOIDEI	

ZOOGEOGRAPHY	803031	INCIDENCE OF INFECTION			
		CHANGE WITH AGE	803235	GALAXIOIDEI	
		AVAILABILITY AND USE OF FOOD	803235	(CONTINUED)	
		REPRODUCTIVE SEASON	801963		
APLOCHITONIDAE		FEEDING		APLOCHITONIDAE	
MIGRATIONS	800149	CHANGE WITH AGE			
CATADROMY	800149	SEASONAL CHANGES	803235		
PROTOTOCTES OXYRHYNCHUS		HABITAT PREFERENCE		GALAXIIDAE	
REDUCTION OF RANGE BY MAN	802690	REPRODUCTION	801963		
		SCHOOLING	801963		
		MIGRATIONS	801269	RETROPINNIDAE	
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			803235		
			800149		
			800149		
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IDENTIFYING CHARACTERS	800976	REPRODUCTION			
KEY	800976	GALAXIAS PARVUS			
COLORATION		NEW SPECIES	800987		
DEVELOPMENT	800976	RELATIONSHIPS	800987		
REDUCTION OF RANGE BY MAN	802690	MERISTICS	800987		
INTERSPECIFIC COMPETITION	802690	MORPHOMETRICS	800987		
MIGRATIONS	800149	GALAXIAS PAUCISPONDYLUS			
ANADROMY	800976	IDENTIFYING CHARACTERS	801960		
CATADROMY	800149	MIGRATIONS	800149		
GALAXIAS AFFINIS		GALAXIAS PEDDERENSIS			
MERISTICS	800987	NEW SPECIES	800987		
DISTRIBUTION	800987	RELATIONSHIPS	800987		
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MIGRATIONS	800149	MIGRATIONS	800149		
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VALIDATION	800974	MIGRATIONS	800149		
SUBSPECIES	800974	GALAXIAS SCOPUS			
GENERAL STRUCTURE AND BEHAVIOR	801270	INVALIDATION	800974		
HYOID ARCH	801986	GALAXIAS TRUTTACEUS			
BRANCHIOSTEGALS	801986	VALIDATION	800974		
REPRODUCTION	801270	GALAXIAS USITATUS			
GALAXIAS AURATUS		MIGRATIONS	800149		
VALIDATION	800974	GALAXIAS VULGARIS			
GALAXIAS BONGBONG		IDENTIFYING CHARACTERS	801960		
AXIAL SKELETAL MUSCLES		SKULL			
BIOCHEMISTRY		ANATOMY			
INFRASPECIFIC VARIATION	801827	DEVELOPMENT	801960		
INFRASPECIFIC VARIATION		FECUNDITY	801960		
MERISTICS	801827	GENERAL EMBRYOLOGY	801960		
GALAXIAS BREVIPINNIS		LIFE SPAN	801960		
LARVA		RATE OF GROWTH	801960		
DEVELOPMENT	800976	SEX RATIO	801960		
MIGRATIONS	800149	REPRODUCTIVE SEASON	801960		
GALAXIAS BURROWSIUS		HABITAT PREFERENCE	801960		
SYNONYMY	801962	MIGRATIONS	800149		
MAXIMUM SIZE	801962	GALAXIAS WEEDONI			
DISTRIBUTION	801962	VALIDATION	800974		
AESTIVATION	801962	NEOCHANNA APODA			
GUT CONTENTS	801962	HYOID ARCH	801986		
HABITAT PREFERENCE	801962	BRANCHIOSTEGALS	801986		
REPRODUCTION	801962	ASTATIC WATERS			
ENDANGERED SPECIES	801962	DESCRIPTION AND OCCURRENCE	800333		
GALAXIAS DIVERGENS		DISTRIBUTION	800333		
MIGRATIONS	800149		801962		
GALAXIAS FASCIATUS		HABITAT PREFERENCE	800333		
MIGRATIONS	800149	AGGRESSIVE BEHAVIOR	800333		
GALAXIAS GRACILIS		MIGRATIONS	800149		
MIGRATIONS	800149	NEOCHANNA DIVERSUS			
GALAXIAS JOHNSTONI		DISTRIBUTION	801962		
MERISTICS	800987	MIGRATIONS	800149		
GALAXIAS MACULATUS					
MORPHOMETRICS	801269				
COLORATION		RETROPINNIDAE			
CHANGE WITH AGE	803235	MERISTICS	801268		
HYOID ARCH	801986	MORPHOMETRICS	801268		
BRANCHIOSTEGALS	801986	ZOOGEOGRAPHY	801268		
SKULL		MIGRATIONS	800149		
DEVELOPMENT		CATADROMY	800149		
ANATOMY	801269	RETROPINNA			
GUT		MERISTICS	802106		
CHANGE WITH AGE	803235	MORPHOMETRICS	802106		
DEVELOPMENT	801269	ORAL TEETH	802106		
OVARIAN CYCLES	803235	INFRASPECIFIC VARIATION	802106		
FECUNDITY	803235	CLINAL VARIATION	802106		
TESTICULAR CYCLES	803235	RETROPINNA ABBREVIATA			
MALE GENITAL PAPILLA	803235	INVALIDATION	801268		
GENERAL EMBRYOLOGY			802106		
EFFECT ON FISH		DISTRIBUTION	802106		
TEMPERATURE	801959	INVALIDATION	801268		
DEVELOPMENT OUT OF WATER	801959	RETROPINNA CHATHAMENSIS			
	801963	INVALIDATION	801268		
DELAYED HATCHING	801959				
	801963	DISTRIBUTION	801268		
	803235	RETROPINNA LACUSTRIS	802106		
LARVA	801269	INVALIDATION	801268		
DEVELOPMENT	800976		802106		
METAMORPHOSIS	801269	DISTRIBUTION	802106		
LIFE SPAN	803235	RETROPINNA OBTUSIROSTRIS			
ALLOMETRY	803235	INVALIDATION	801268		
SEX RATIO	803235		802106		
TEMPERATURE		DISTRIBUTION	802106		
DESCRIPTION AND OCCURRENCE		RETROPINNA OSMEROIDES			
EFFECT ON FISH		VALIDATION	801268		
GENERAL EMBRYOLOGY	801963	HYOID ARCH	801986		
CESTODA		BRANCHIOSTEGALS	801986		
INCIDENCE OF INFECTION	803235	DISTRIBUTION	802106		
NEMATODA		RETROPINNA RETROPINNA			
INCIDENCE OF INFECTION		REDESCRIPTION	801268		
CHANGE WITH AGE	803235	SYNONYMY	801268		
ACANTHOCEPHALA					

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VERTICAL MIGRATIONS	802060	LOBIANCHIA		MYCTOPHIDAE
REPRODUCTION	802296	KEY	802060	(CONTINUED)
FISHERIES IMPROVEMENT	802060	LOBIANCHIA DOFLEINI		
CERATOSCOPELUS MADERENSIS	801140	IDENTIFYING CHARACTERS	802060	NEOSCOPELIDAE
SYNONYMY		REDESCRIPTION	802060	
MERISTICS	802816	SYNONYMY	802060	
GEOGRAPHIC VARIATION	802816	PHOTOPHORES		PARALEPIDIDAE
SEX RATIO	803262	ANATOMY		
VERTICAL DISTRIBUTION	803262	INFRA SPECIFIC VARIATION	802060	
DEEP SCATTERING LAYER	803262	OVARIAN CYCLES	802060	
DISTRIBUTION	802816	SEXUALLY DIMORPHIC PHOTOPHORE	802060	
SCHOOLING	803262	GEOGRAPHIC VARIATION	802060	
CERATOSCOPELUS TOWNSENDI		DISTRIBUTION	802060	
SYNONYMY	802816	REPRODUCTION	802060	
MERISTICS		LOBIANCHIA GEMELLARI		
GEOGRAPHIC VARIATION	802816	IDENTIFYING CHARACTERS	802060	
LUMINESCENT ORGANS		REDESCRIPTION	802060	
GEOGRAPHIC VARIATION	802816	SYNONYMY	802060	
VERTICAL DISTRIBUTION	802816	PHOTOPHORES		
DISTRIBUTION	802816	ANATOMY		
MIGRATIONS	802816	INFRA SPECIFIC VARIATION	802060	
DIAPHUS		OVARIAN CYCLES	802060	
IDENTIFYING CHARACTERS	802060	SEXUALLY DIMORPHIC PHOTOPHORE	802060	
REDESCRIPTION	802060	DISTRIBUTION	802060	
SYNONYMY	802060	MYCTOPHUM AUROLATERNATUM		
KEY	802060	GROSS EXTERNAL ANATOMY	800439	
PHOTOPHORES		DISTRIBUTION	800439	
ANATOMY		MYCTOPHUM EVERMANNI		
INFRA SPECIFIC VARIATION	802060	GROSS EXTERNAL ANATOMY	800439	
SEXUALLY DIMORPHIC PHOTOPHORE	802060	DISTRIBUTION	800439	
GEOGRAPHIC VARIATION	802060	MYCTOPHUM GLACIALE		
DISTRIBUTION	802060	GADIDAE		
DIAPHUS DUMERII		GADUS MORHUA		
VERTICAL DISTRIBUTION	800961	AS PREDATOR	801115	
DEEP SCATTERING LAYER	800961	DISTRIBUTION	801115	
LIGHT		MYCTOPHUM PHENGODES		
EFFECT ON FISH	800961	DISTRIBUTION	801508	
DIAPHUS EFFULGENS		MYCTOPHUM PUNCTATUM		
ALLOMETRY	802060	STRUCTURAL COLORS		
DIAPHUS HOLTI		BIOCHEMISTRY		
VERTICAL MIGRATIONS	802060	FUNCTION		
DIAPHUS MINAX		SKIN	801764	
NEW SPECIES	802060	PERITONEUM		
DIAPHUS OSTENFELDI		GUANINE		
GROSS EXTERNAL ANATOMY	803171	BIOCHEMISTRY	801764	
DISTRIBUTION	803060	LARVA	803040	
	803171	REPRODUCTIVE SEASON	803040	
DIAPHUS RAFINESQUEI		SEASONAL ABUNDANCE		
VERTICAL MIGRATIONS	802060	LARVA	803040	
DIAPHUS SUBTILIS		NOTOSCOPELUS ELONGATUS		
NEW SPECIES	802060	DISTRIBUTION	801115	
MERISTICS	802060	SYMBOLOPHORUS CALIFORNIENSIS		
MORPHOMETRICS	802060	IDENTIFYING CHARACTERS	801858	
SEXUALLY DIMORPHIC PHOTOPHORE	802060	RATE OF GROWTH	801858	
DIAPHUS THETA		MAXIMUM SIZE	801858	
STRUCTURAL COLORS		REPRODUCTIVE SEASON	801858	
BIOCHEMISTRY				
FUNCTION				
SKIN	801764			
DIAPHUS VANHOEFFENI		NEOSCOPELIDAE		
LECTOTYPE	802060	RELATIONSHIPS	801511	
DIAGENICHTHYS LATERNATUS		NEOSCOPELUS MACROLEPIDOTUS		
DISTRIBUTION WITHIN HABITAT		BATHYAL ZONE	803131	
LARVA	801778	DISTRIBUTION	803131	
POPULATION DENSITY	801778	NEOSCOPELUS MICROCHIR		
ELECTRONA RISSOI		BATHYAL ZONE	803131	
GROSS EXTERNAL ANATOMY	803171	DISTRIBUTION	803131	
DISTRIBUTION	803171	SCOPELENGYS TRISTIS		
EOMYCTOPHUM		IDENTIFYING CHARACTERS	801858	
GROSS EXTERNAL ANATOMY	800747	HYOID ARCH	801986	
OLIGOCENE	800747	BRANCHIOSTEGALS	801986	
PALEOECOLOGY	800747	RATE OF GROWTH	801858	
EOMYCTOPHUM KORAENSE		MAXIMUM SIZE	801858	
OLIGOCENE	802662	VERTICAL DISTRIBUTION	801858	
EOMYCTOPHUM LIMICOLA		CRUSTACEA		
MORPHOMETRICS	802662	AS FOOD FOR FISH	801858	
OLIGOCENE	802662	DISTRIBUTION	801858	
SKELETON		REPRODUCTIVE SEASON	801858	
ANATOMY	802662			
EOMYCTOPHUM MENNERI				
OLIGOCENE	802662			
LAMPADENA		PARALEPIDIDAE		
RELATIONSHIPS	803087	IDENTIFYING CHARACTERS	801858	
REDESCRIPTION	803087	SUBLITTORAL ZONE	803131	
KEY	803087	BATHYAL ZONE	803131	
MORPHOMETRICS	803087	DISTRIBUTION	803131	
SAGITTA		ORIENTATION TO BOTTOM	800336	
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DISTRIBUTION	803131	FUNCTION			
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		AS COMMENSAL			
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		VERTICAL DISTRIBUTION	803060		
		BACTERIA			
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ARISTOSTOMIAS SCINTILLANS		STOMIATIDAE			
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NEW SPECIES		802215		
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BATHOPHILUS LONGIPES				
INVALIDATION		802215		
BATHOPHILUS MELAS				
INVALIDATION		802215		
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DISTRIBUTION		803131		
			BATHOPHILUS NOVICKI	
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			BATHOPHILUS PAWNEEI	
			SYNONYMY	802215
			BATHOPHILUS SCHIZOCHIRUS	
			SYNONYMY	802215
			STOMIAS	
			STRUCTURAL COLORS	
			BIOCHEMISTRY	
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			SKIN	801764
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			IDENTIFYING CHARACTERS	801858
			LIFE SPAN	801858
			MAXIMUM SIZE	801858
			VERTICAL DISTRIBUTION	801858
			DISTRIBUTION	801858
			STOMIAS BOA	
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			SUBLITTORAL ZONE	803131
			BATHYAL ZONE	803131
			DISTRIBUTION	803131
			STOMIAS FEROX	
			LARVA	803040



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	MAYOMYZON PIECKOENSIS	803382		
	MORDACIA PRAECOX	801492		
	PTERASPIDIFORMES			
	PSEPHASPIS IDAHOENSIS	801563		
	ACANTHODII			
	ANTARCTONCHUS GLACIALIS	800702		
	GYRACANTHIDES WARRENI	800702		
	ANTIARCHI			
	BOTHRIOLEPIS HAYI	802055		
	BOTHRIOLEPIS HICKLINGI	802055		
	BOTHRIOLEPIS LAVEROCKLOCHENSIS	802055		
	BOTHRIOLEPIS STEVENSONI	802055		
	BOTHRIOLEPIS TAYLORI	802055		
	BOTHRIOLEPIS WILSONI	802055		
	ARCTOLEPIDOMORPHA			
	ANTARCTASPIS MCMURDOENSIS	800702		
	ANTARCTOLEPIS GUNNI	800702		
	HOLONEMA HAITI	801563		
	ELASMOBRANCHII			
	MCMURDODUS FEATHERENSIS	800702		
	RAJIDAE			
	RAJA FRERICHSI	800195		
	RAJA SCHROEDERI	800195		
	CARCHARHINIDAE			
	TRIAKIS ACUTIPINNA	802113		
	TRIAKIS FEHLMANNI	803065		
	HEXANCHIFORMES			
	HEPTRANCHIAS EZOENSIS	801400		
	PRISTIOPHORIDAE			
	PRISTIOPHORUS LINEATUS	801400		
	SQUALIDAE			
	ETMOPTERUS GRACILISPINIS	800195		
	DIPNOI			
	CERATODUS DONENSIS	801624		
	CERATODUS MULTICRISTATUS	801624		
	CERATODUS RECTICRISTATUS	801624		
	URANOLOPHUS WYOMINGENSIS	803072		
	RHIPIDISTIA			
	HYNERIA LINDAE	801073		
	OSTEOLEPIDOMORPHA			
	GYROPTYCHIUS TAYLORI	802057		
	LOHSANIA UTAHENSIS	802359		
	CHONDROSTEI			
	DIALIPINA SALLGUEIROENSIS	800745		
	LIGULALEPIS TOOMBSI	800745		
	AMIO MORPHA			
	AMIA MONTSECHENSIS	801659		
	OPHIOPSIS MONTSECHENSIS	802371		
	UROCLIS OVATUS	801659		
	SYNGNATHIDAE			
	HIPPOSYNGNATHUS NERITICUS	802662		
	BLENNIIDAE			
	BLENNIUS INCOGNITUS	803062		
	Gobiidae			
	BARBULIFER ANTENNATUS	801920		
	BATANGA ANGUSTIFRONS	800173		
	BIAT MAGNUSI	800404		
	COTTOGOBIUS YONGEI	801789		
	ELEOTRIS ANNOBONENSIS	800173		
	GOBIONELLUS SAEPEPALLENS	803088		
	GOBIOSOMA ATRONASUM	801920		
	GOBIOSOMA EVELYNAE	801920		
	GOBIOSOMA GENIE	801920		
	GOBIOSOMA ILLECEBROSUM	801920		
	GOBIOSOMA LOUISAE	801920		
	GOBIOSOMA PROCHILOS	801920		
	GOBIOSOMA RANDALLI	801920		
	GOBIOSOMA TENOX	801920		
	GOBIOSOMA XANTHIPRORA	801920		
	GOBIOUS COPIOSUS	802927		
	GOBIOUS INGENS	802927		
	GOBIOUS PUELLARIS	802927		
	GOBIOUS URBANUS	802927		
	IOGLOSSUS HELENAE	803014		
	KOUMANSIASIS MACROCEPHALUS	800170		
	MICROGOBIUS CROCATUS	802058		
	MICRODESMIDAE			
	GUNNELICHTHYS VIRIDESCENS	802920		
	GUNNELICHTHYS CURIOSUS	802920		
	MICRODESMUS DORSIPUNCTATUS			802197
	LABRIDAE			
	CHOERODON PESCADORESIS			800952
	CHOERODON QUADRIFASCIATUS			800952
	HEMIPTERONOTUS CAERULEOPUNCTATUS			800952
	LEPIDAPLOIS GRANDISQUAMIS			802116
	APOGONIDAE			
	APOGON ANISOLEPIS			801921
	APOGON PHENAX			801921
	APOGON PILLIONATUS			801921
	APOGON ROBINSI			801921
	APOGON XENUS			801921
	CARANGIDAE			
	CARANX CELETUS			803306
	CARANX WILLIAMSII			803306
	DECAPTERUS TABL			801766
	CICHLIDAE			
	CHETIA BREVIS			801793
	CRENICICHLA JUPIAENSIS			801909
	PELMATOCHROMIS ROLOFFI			800707
	TILAPIA CESSIANA			801240
	TILAPIA WALTERI			801992
	OWSTONIIDAE			
	SPHENANTHIAS SIMOTERUS			803368
	PERCIDAE			
	ETHEOSTOMA BELLUM			802192
	POMACENTRIDAE			
	CHROMIS SCOTTI			800142
	PSEUDOCROMIDAE			
	PSEUDOCROMIS FRIDMANI			802589
	SCIAENIDAE			
	CYNOSCION SIMILIS			801391
	NIBEIA GEMMA			802927
	OTOLITHUS BABAI			802927
	OTOLITHUS BELLUS			802927
	OTOLITHUS CALIDUS			802927
	BOTHIDAE			
	TRICHOSETTA CARIBBAEA			801053
	TRICHOSETTA MELASMA			801053
	TRICHOSETTA ORBISULCUS			801053
	COTTIDAE			
	COTTUS PYGMAEUS			802115
	COTTUNCULIDAE			
	COTTUNCULUS GRANULOSUS			801655
	CYCLOPTERIDAE			
	LIPARIS FISHELSONI			800171
	PARALIPARIS CALIDUS			802120
	TRIGLIDAE			
	LEPIDOTRIGLA CAROLAE			801664
	TRIACANTHODIDAE			
	HOLLARDIA GOSLINEI			801918
	GRAMMICOLEPIDIDAE			
	DARAMATTUS BARNARDI			803368
	CYPRINODONTIDAE			
	APHYOSEMION NDIANUM			803391
	APHYOSEMION SANTSABELLAE			801991
	APLOCHEILICHTHYS SCHIOTZI			801988
	CYPRINODON ATRORUS			801477
	CYPRINODON BIFASCIATUS			801477
	EPIPLATYS BARMOIENSIS			803391
	EPIPLATYS ESEKANUS			803391
	EXOCEOTIDAE			
	HEMIRAMPHUS GEORGII			802662
	HEMIRAMPHUS GORAKHPURENSIS			802530
	CLUPEIDAE			
	GUDUSIA GODANAHIAI			802530
	SARDINELLA MARQUESENSIS			803205
	ENGRAULIDAE			
	COILIA NEGLECTA			801927
	CONGRIDAE			
	ARIOSOMA SOMALIENSE			800710
	BATHYMYRUS SMITHI			803308
	CONGER DURUS			802927
	DIPLOCONGER POLYSTIGMATUS			800710
	LEMKEA HETEROLINEA			800710
	PSEUDOPHICHTHYS MACROPORIS			800710
	MURAENESOCIDAE			
	HOPLUNNIS PACIFICA			801763
	MURAENIDAE			
	GYMNOTHORAX SOKOTRENSIS			800710
	LYCODONTIS WOOLIIENSIS			800394



NETTASTOMATIDAE		PTERASPIDIIFORMES		SYSTEMATICS AND NOMENCLATURE (CONTINUED)	
NETTASTOMA ELONGATUM		800710	LYKTASPIIS	803392	
OPHICHTHIDAE			ACANTHODII		
MYROPHIS LEPTURUS		800710	ANTARCTONCHUS GLACIALIS	800702	
VERMA ANSP		803139	ARCTOLEPIDOMORPHA		
XENOCONGRIDAE			ANTARCTASPIIS MCMURDOENSIS	800702	
CATESBYA PSEUDOMURAENA		801919	ANTARCTOLEPIS GUNNI	800702	
LEPTOLEPIDOMORPHA			ELASMOBRANCHII		
LEPTOLEPIS CRUSAFONTI		802371	MCMURDODUS FEATHERENSIS*	800702	
CHARACIDAE			RAJIDAE		
BRYCONOPS INPAI		803311	BATHYRAJA	802126	
LADIGESIA ROLOFFI		800109	DIPNOI		
CITHARINIDAE			URANOLOPHUS WYOMINGENSIS	803072	
HEMISTICHODUS LOOTENSI		801864	RHIPIDISTIA		
COBITIDAE			HYNERIA LINDAE	801073	
NEOEUCIRRHICHTHYS MAYDELLI		800878	OSTEOLEPIDOMORPHA		
NOEMACHEILUS ALTIPEUNCULATUS		800878	CALLISTIOPTERUS CLAPPI	801953	
NOEMACHEILUS RENDAHLI		800878	LOHSANIA UTAHENSIS	802359	
CYPRINIDAE			CHONDROSTEE		
ALGANSEA MONTICOLA		803066	DIALIPINA SALLGUEIROENSIS	800745	
ANCHERYTHROCULTER BREVIANALIS		803154	LIGULALEPIS TOOMBISI	800745	
CIRRHIINUS CHAUDHRYYI		802530	AMIO MORPHA		
GOBIOBOTIA INTERMEDIA		803154	AMIHDARUM MAWSONI	801659	
LABEO UDAlPURENSIS		803127	PHOLIDOPHOROMORPHA		
NOTROPIS EDWARDRANEYI		801345	MJOLLNIRULUS	801515	
NOTROPIS IMELDAE		802050	NYBELINEA	801515	
PUNTIVS JOAQUINAE		802135	TJALVICHTHYS	801515	
PUNTIVS UMALI		802135	TJALVIS	801515	
APTERONOTIDAE			YMIRIS	801515	
STERNARCHELLA CURVIOPERCULATA		802591	GOBIIDAE		
BAGRIDAE			GINSBURGELLUS	801920	
ZAIREICHTHYS ZONATUS		803015	KOLMANIASIS MACROCEPHALUS	800170	
ICTALURIDAE			TRIACANTHIDAE		
ICTALURUS SERRACANTHUS		802119	CRYPTOBALISTES BREVIS	801918	
LORICARIIDAE			TRIPODICHTHYS	801918	
HYPOSTOMUS CORANTIINI		802883	CLUPEIDAE		
HYPOSTOMUS CRASSICAUDA		802883	PLATANICHTHYS PLATANA	801276	
HYPOSTOMUS MICROMACULATUS		802883	CONGRIDAE		
HYPOSTOMUS PAUCIMACULATUS		802883	DIPLOCONGER POLYSTIGMATUS	800710	
HYPOSTOMUS PSEUDOHEMIURUS		802883	LEMKEA HETEROLINEA	800710	
HYPOSTOMUS SARAMEACCENSIS		802883	XENOCONGERIDEA		
HYPOSTOMUS SIPALIWINII		802883	CATESBYA PSEUDOMURAENA	801919	
HYPOSTOMUS SURINAMENSIS		802883	CHARACIDAE		
HYPOSTOMUS TENUIS		802883	LADIGESIA ROLOFFI	800109	
HYPOSTOMUS VENTROMACULATUS		802883	COBITIDAE		
MOCHOKIDAE			NEOEUCIRRHICHTHYS	800878	
SYNODONTIS RUFIGIENSIS		800708	BAGRIDAE		
TRICHOMYCTERIDAE			ZAIKICHTHYS ZONATUS	803015	
TRICHOMYCTERUS CHABERTI		803309	MORMYRIDAE		
MORMYRIDAE			BOULENGEROMYRUS KNOEPFLEKI	801238	
BOULENGEROMYRUS KNOEPFLEKI		801238	GADIDAE		
BATRACHOIDIFORMES			EOPHYCIS JAMNENSIS	802662	
DAECTOR SCHMITTI		803067			
PORICHTHYS BATHOIKETES		801188			
PORICHTHYS KYMOSEMEUM		801188			
PORICHTHYS OCULOFRENUM		801188			
GADIDAE					
EOPHYCIS JAMNENSIS		802662	NEW FAMILY		
MACROURIDAE			ELASMOBRANCHII		
MACRUROPLUS ORI		803368	MCMURDODONTIDAE	800702	
ZOARCIDAE			PHOLIDOPHOROMORPHA		
LYCENCHELVS ARATRIROSTRIS		803155	MJOLLNIRULIDAE	801515	
LYCENCHELVS BELLINGSHAUSENI		803155	NYBELINEIDAE	801515	
GOBIESOCIFORMES			TJALVIDAE	801515	
TOMICODON RHABDOTUS		803068	ANABANTOIDEI		
BATHYLACONOIDEI			BADIDAE	803012	
BATHYLACO MACROPHthalmus		801577			
GALAXIIDAE					
GALAXIAS PARVUS		800987			
GALAXIAS PEDDERENSIS		800987			
MYCTOPHIDAE			NEW NAME		
DIAPHUS MINAX		802060	OPISTOGNATHIDAE		
DIAPHUS SUBTILUS		802060	OPISTOGNATHUS HONGKONGIENSIS	800159	
LAMPADENA NOTIALIS		803087			
MELANOSTOMIATIDAE					
PHOTONECTES MUNIFICUS		802142			
STOMIATIDAE					
BATHOPHILUS ABARBATUS		802215			
BATHOPHILUS CWYANORUM		802215	RELATIONSHIPS	803415	
BATHOPHILUS KINGI		802215			
BATHOPHILUS NOVICKI		802215			
			LECTOTYPE		
			SCIAENIDAE		
			CYNOSCION OBLIQUATUS	801391	
			LORICARIIDAE		
			HYPOSTOMUS ROBINII	802883	
			HYPOSTOMUS VERRIS	802883	
			PLECOSTOMUS BRAZILIENSIS	802883	
			NEOTYPE		
			LAMPRIDIFORMES		
			RADIICEPHALUS ELONGATUS	800331	
			TRIGLIDAE		
			CHELIDONICHTHYS CUCULUS	801664	
			BELONIDAE		
			STRONGYLURA TIMUCU	800155	
			BAGRIDAE		
			PELTEOBAGRUS VACHELLII	802896	
			LORICARIIDAE		
			HYPOSTOMUS GUACARI	802883	
			HYPOSTOMUS PLECOSTOMUS	802883	
			HYPOSTOMUS WATWATA	802883	
NEW SUBSPECIES					
PRISTIDAE					
ISCHYRHIZA MIRA		803036			
SCARIDAE					
NICHOLSINA USTA		803150			
CYPRINIDAE					
GOBIOBOTIA INTERMEDIA		803154			
MICROPHYSOGOBIO BREVIROSTRIS		803154			
LORICARIIDAE					
HYPOSTOMUS GYMNOTRHYNCHUS		802883			
HYPOSTOMUS PSEUDOHEMIURUS		802883			
PANGASIIDAE					
PANGASIUS PANGASIUS		802530			
SALMONIDAE					
COREGONUS LAVARETUS		803158			
NEW GENUS					
PETROMYZONTOMORPHA					
MAYOMYZON PIECKOFSIS		803382			

SYSTEMATICS AND NOMENCLATURE (CONTINUED)	CHECK LIST		ACIPENSERMORPHA TELEOSTEI		803376 803376
STRUCTURE AND FUNCTION	TELEOSTEI	801508 801508 802374 801508 802374 802325			
	BIBLIOGRAPHY		NUMERICAL TAXONOMY		
			CHARACIDAE		
			ALESTES		802028
GROSS EXTERNAL ANATOMY					
	FAUNAL LIST				
	GASTEROSTEIDAE	800341			
	PERCIDAE	800341			
	COTTIDAE	800341	GROSS EXTERNAL ANATOMY		
	CATOSTOMIDAE	800341	CAPTIVE VS NATURAL FISH		
	CYPRINIDAE	800341	CYPRINIDAE		
	ICTALURIDAE	800341	CYPRINUS CARPIO		801551
	GADIDAE	800341			
	ESOCIDAE	800341			
	SALMONIDAE	800341			
			DEXTRALITY OR SINISTRALITY		
			CYNOGLOSSIDAE		
			CYNOGLOSSUS BILINEATUS		800821
			OTOLITHS		
			PLEURONECTIDAE		
			REINHARDTIUS HIPPOGLOSSOIDES		802517
			Ovary		
			TESTIS		
			OSMERIDAE		
			OSMERUS EPERLANUS		802547
			SCALATION		
			MICRODESMIDAE		
			MICRODESMUS DIPUS		802197
			MICRODESMUS DORSIPUNCTATUS		802197
			MUGILOIDEI		
			MUGIL AURATUS		800743
			MUGIL CEPHALUS		800743
			MUGIL SALIENS		800743
			MULLIDAE		
			MULLUS BARBATUS		800743
			POMADASIIDAE		
			POMADASYS GUORACA		800743
			SPARIDAE		
			DIPLODUS ANNULARIS		800743
			HEAD		
			CYPRINODONTIDAE		803391
			DEVELOPMENT		
			SALMONIDAE		
			COREGONUS AUTUMNALIS		802828
			DEVELOPMENTAL ANALYSIS		
			TEMPERATURE		
			CYPRINIDAE		
			CYPRINUS CARPIO		802479
			LUMINESCENT ORGANS		
			PEMPHERIDAE		
			PARAPRIACANTHUS		802959
			PEMPHERIS		802959
			GEOGRAPHIC VARIATION		
			MYCTOPHIDAE		
			CERATOSCOPELUS TOWNSENDI		802816
			ANATOMY		
			ULTRASTRUCTURE		
			MELANOCETIDAE		
			MELANOCETUS MURRAYI		802196
			HISTOLOGY		
			BIOCHEMISTRY		
			FUNCTION		
			ANOMALOPIDAE		
			ANOMALOPS KATOPTRON		803027
			BIOCHEMISTRY		
			APOGONIDAE		
			APOGON ELLIOTI		800872
			PEMPHERIDAE		
			PARAPRIACANTHUS BERYCIFORMES		800872
			SKIN		
			OGCOEPHALIDAE		
			DIBRANCHUS ATLANTICUS		802127
			PHOTOPHORES		
			BATRACHOIDIFORMES		
			PORICHTHYS		801188
			ANATOMY		
			INFRASPECIFIC VARIATION		
			MYCTOPHIDAE		
			DIAPHUS		802060
			LOBIANCHIA DOFLEINI		802060
			LOBIANCHIA GEMELLARI		802060
			FUNCTION		
			STERNOPTYCHIDAE		
			ARGYROPELECUS		801571
			DEVELOPMENT		
			ALEPOCEPHALOIDEI		
			SAGAMICHTHYS ABEI		801858
			DESCRIPTIVE EVOLUTION		
			USE IN SYSTEMATICS		
	POPULAR NAMES BY LANGUAGE				
	SLAVIC				
	PETROMYZONTOMORPHA	803376			

MYCTOPHIDAE	801511	ACHEILOGNATHUS LIMBATUS X		GROSS EXTERNAL ANATOMY (CONTINUED)
		PARACHEILOGNATHUS RHOMBEUS X	800666	
		PARACHEILOGNATHUS RHOMBEUS X		
		ACHEILOGNATHUS LIMBATUS X	800666	
		PARACHEILOGNATHUS ROMBEUS X		
		RHODEUS OCELLATUS X	800666	
		RHODEUS OCELLATUS X		
		PARACHEILOGNATHUS ROMBEUS X	800666	
		INHERITANCE		
		POECILIIDAE		
		XIPHOPHORUS HELLERII	800859	
			802502	
<b>MOUTH</b>		<b>ANAL FIN</b>		
TRACHTERIDAE		GRAMMICOLEPIDIDAE		
TRACHTERUS ARCTICUS	801315	XENOLEPIDICHTHYS DALGLEISHI	801665	
ACANTHURIDAE	801351	ANATOMY		
TRIACANTHODIDAE		BLENNIIDAE	802433	
HALIMOCHEIRURGUS CENTRISCOIDES	801918	ABNORMALITY		
MACRORHAMPHOSODES PLATYCHEILUS	801918	POMADASYIDAE		
MACRORHAMPHOSODES URADOI	801918	SCOLEPSIS PHAEOPS	800459	
INFRASPECIFIC VARIATION		CLUPEIDAE		
CYPRINIDAE		SARDINELLA LONGICEPS	801939	
BARBUS HOLUBI	802689	CYPRINIDAE		
BARBUS	802901	RHINICHTHYS OSCULUS	802122	
BARBUS MAREQUENSIS	802689	INHERITANCE		
VARICORHINUS	802901	POECILIIDAE		
<b>ANATOMY</b>		XIPHOPHORUS HELLERII	801633	
FUNCTION			802502	
NOTACANTHIDAE		DEVELOPMENT		
MACDONALDIA CHALLENGERI	802292	SEXUAL DIMORPHISM		
<b>ABNORMALITY</b>		SALMONIDAE	802399	
CATOSTOMIDAE				
CATOSTOMUS MACROCHEILUS	802122			
SALMONIDAE				
SALVELINUS FONTINALIS	802122			
FISHING MORTALITY				
SALMONIDAE				
ONCORHYNCHUS KISUTCH	801071			
ONCORHYNCHUS TSHAWYTSCHA	801071			
DEVELOPMENT				
SALMONIDAE				
SALMO TRUTTA	802630			
<b>FUNCTION</b>				
CICHLIDAE				
PTEROPHYLLUM	801657			
<b>DEVELOPMENT</b>				
DESCRIPTIVE EVOLUTION				
CEPHALASPIDOMORPHA	803389			
MYXINOMORPHA	803389			
PETROMYZONTOMORPHA	803389			
PTERASPIDOMORPHA	803389			
<b>SPINES</b>		<b>PECTORAL FINS</b>		
CHIMAEROMORPHA		CEPHALASPIDIFORMES		
EDAPHODON	801628	HEMICYCLASPIS MURCHISONI	802056	
RAJIDAE	802193	ALLOMETRY		
HETERODONTIFORMES		SCOMBRIDAE		
ASTERACANTHUS	801628	THUNNUS ALALUNGA	802199	
<b>ANATOMY</b>		VARIATION WITH AGE		
HISTOLOGY		CYPRINIDAE		
COCHLIODONTOMORPHA		CHROSOMUS ERYTHROGASTER	800298	
MENASPIS ARMATA	803399	<b>ANATOMY</b>		
<b>FUNCTION</b>		BALISTIDAE	800012	
GASTEROSTEIDAE	802543	RHINECANTHUS RECTANGULUS	800012	
SILURIFORMES	802543	DESCRIPTIVE EVOLUTION		
		RHIPIDISTIA	803404	
		OSTEOLEPIDOMORPHA		
		SAURIPTERIS	803404	
		<b>ABNORMALITY</b>		
		MYLIOBATIDAE		
		GYMNURA	801941	
		CYPRINIDAE		
		RHODEUS OCELLATUS X		
		PARACHEILOGNATHUS ROMBEUS X	800666	
		<b>FUNCTION</b>		
		BALISTIDAE	800012	
		RHINECANTHUS RECTANGULUS	800012	
		<b>DEVELOPMENT</b>		
		SALMONIDAE		
		SALMO TRUTTA	800621	
		DESCRIPTIVE EVOLUTION		
		ARTHRODIRA	802621	
<b>SUCKERS</b>		<b>PELVIC FINS</b>		
<b>FUNCTION</b>		Gobiidae		
Gobiidae		COTTOGOBIUS YONGEI	801789	
Gobius	800997	CYPRINIDAE		
CYCLOPTERIDAE		RHODEUS OCELLATUS	800666	
CYCLOPTERUS	800997	INHERITANCE		
LIPARIS	800997	CYPRINIDAE		
GOBIESOCIFORMES		RHODEUS OCELLATUS	800666	
DIPLECOGASTER	800997	<b>ANATOMY</b>		
		BLENNIIDAE	802433	
		<b>FUNCTION</b>		
		BLENNIOIDEI	803019	
		GADOPSIDAE		
		GADOPSIS MARMORATUS	803019	
		DACTYLOSCOPIIDAE	803019	
		OPHIIDIDAE	803019	
		ZOARCIDAE	803019	
		<b>ABNORMALITY</b>		
		CATOSTOMIDAE		
		CATOSTOMUS MACROCHEILUS	802122	
		CATOSTOMUS COLUMBIANUS	802122	
		CYPRINIDAE		
		ACROCHEILUS ALUTACEUS	802122	
		PARACHEILOGNATHUS RHOMBEUS X	800666	
		ACHEILOGNATHUS LIMBATUS X	800666	
		RHINICHTHYS OSCULUS	802122	
		RHINICHTHYS CATARACTAE	802122	
		RHODEUS OCELLATUS	800666	
		RHODEUS OCELLATUS X		
		PARACHEILOGNATHUS ROMBEUS X	800666	
		RICHARDSONIUS BALTEATUS	802122	
<b>DORSAL FIN</b>		ICTALURIDAE		
DIPNOI		ICTALURUS MELAS	802651	
URANOLOPHUS WYOMINGENSIS	803402	SALMONIDAE		
<b>BALISTIDAE</b>				
CANTHERINES MACROCERUS	802222			
CANTHERINES PULLUS	802222			
CHANGE WITH AGE				
LOPHOTIDAE				
EUMECICHTHYS FISKI	803188			
<b>FUNCTION</b>				
XIPHIIDAE				
XIPHIAS GLADIUS	802798			
FEEDING				
XIPHIIDAE				
XIPHIAS GLADIUS	802313			

GROSS EXTERNAL ANATOMY (CONTINUED)	SALMO GAIRDNERII	802122	PROTOPTERUS AETHIOPICUS	800175
	FUNCTION		TELEOSTEI	801604
BIOCHEMISTRY AND GENERAL PHYSIOLOGY	OPHIIDIIDAE		MUGILOIDEI	
	OTOPHIDIUM SCRIPPSI	802866	MUGIL AURATUS	803345
	DEVELOPMENT		CHANNICHTHYIDAE	
	SALMONIDAE		CHAENOCEPHALUS ACERATUS	801198
	SALMO TRUTTA	800621	NOTOTHENIIDAE	800916
	DESCRIPTIVE EVOLUTION			803100
	ARTHRODIRA	802621	NOTOTHENIA GIBBERIFRONS	801198
			NOTOTHENIA NEGLECTA	801198
			NOTOTHENIA ROSSII	801198
			APOGONIDAE	
CAUDAL FIN	CEPHALASPIDIFORMES		APOGON PUNCTICULATUS	801085
	HEMICYCLASPI MURCHISONI	802056	CENTRARCHIDAE	
	CHANGE WITH AGE		LEPOMIS GIBBOSUS	800138
	LOPHOTIDAE		LEPOMIS MACROCHIRUS	800138
	EUMECICHTHYS FISKI	803188		801199
	BACTERIAL DISEASES		MICROPTERUS SALMOIDES	800511
	MUGILOIDEI		EMMELICHTHYIDAE	
	MUGIL CUNNESIUS	802294	SPICARA SMARIS	803345
	ABNORMALITY		SERRANIDAE	
	CICHLIDAE		MORONE SAXATILIS	800558
	PELMATOCHROMIS KRIBENSIS	800031	SCORPAENIDAE	
	PTEROPHYLLUM SCALARE	800031	SCORPAENA PORCUS	803345
	SOLEIDAE		POECILIIDAE	
	SOLEA LASCARIS	803337	POECILIA RETICULATA	800733
	CLUPEIDAE		CYPRINIDAE	
	SARDINELLA LONGICEPS	801939	CYPRINUS CARPIO	800836
	CATOSTOMIDAE			802016
	CATOSTOMUS MACROCHEILUS	802122	HYPOPHthalmichthys MOLITRIX	801472
	CATOSTOMUS COLUMBIANUS	802122	ICTALURIDAE	
	CYPRINIDAE		ICTALURUS NEBULOSUS	801199
	ACROCHEILUS ALUTACEUS	802122		801506
	RHINICHTHYS OSCULUS	802122	ZOARCIDAE	803100
	RHODEUS OCELLATUS X		SALMONIDAE	
	PARACHEILOGNATHUS ROMBEUS X	800666	SALMO GAIRDNERII	800722
	RICHARDSONIUS BALTEATUS	802122		801199
	FUNCTION		EGG	
	ISTIOPHORIDAE	801216	PLEURONECTIDAE	
	SCOMBRIDAE		PAROPHRYUS VETULUS	802299
	EUTHYNNUS AFFINIS	801216	FRY	
	DEVELOPMENT		GROUP EFFECT	
	OSTEOLEPIDOMORPHA		SALMONIDAE	
	EUSTHENOPTERON FOORDI	801953	SALMO ISCHCHAN	802449
	ESOCIDAE		EMBRYO PHYSIOLOGY	
	ESOX LUCIUS	802511	SALMONIDAE	
	DEVELOPMENTAL ANALYSIS		SALMO TRUTTA	801329
	INHERITANCE		SALMO GAIRDNERII	801329
	POECILIIDAE		FRY	
	XIPHOPHORUS	802631	SALMONIDAE	
	DESCRIPTIVE EVOLUTION		ONCORHYNCHUS TSHAWYTSCHA	800892
	CEPHALASPIDOMORPHA	802621	SUBZERO WATERS	
	PTERASPIDOMORPHA	802621	NOTOTHENIIDAE	
ADIPOSE FIN			DISSOSTICHUS MAWSONI	803098
	HISTOLOGY		TREMATOMUS BORCHGREVINKI	803098
	ICTALURIDAE		SEASONAL CHANGES	
	ICTALURUS MELAS	802200	SPARIDAE	
	SALMONIDAE	802200	LAGODON RHOMBOIDES	801765
			DEVELOPMENT	
			TEMPERATURE	
			CYPRINIDAE	
			CARASSIUS AURATUS	802368
			EXPERIMENTAL ANALYSIS	
GENERAL CYTOLOGY	DESCRIPTIVE EVOLUTION		SCYLIORHINIDAE	
	MYXINOMORPHA	803413	SCYLIORHINUS CANICULUS	802236
	PETROMYZONTOMORPHA	803413	CALLIONYMOIDEI	
	ELASMOBRANCHII	803413	CALLIONYMUS LYRA	802237
	DIPNOI	803413	HIODONTIDAE	
	TELEOSTEI	803413	HIODON ALOSOIDES	802600
			SALMONIDAE	
			SALMO GAIRDNERII	800948
			THYROID	
			TEMPERATURE	
METABOLIC RATE			CYPRINIDAE	
	MUGILOIDEI		CARASSIUS AURATUS	802367
	MUGIL AURATUS	803345	BIOCHEMICAL SEX DIFFERENCES	
	CHANNICHTHYIDAE		CALLIONYMOIDEI	
	CHAENOCEPHALUS ACERATUS	801198	CALLIONYMUS LYRA	802239
	NOTOTHENIIDAE		WATER PRESSURE	
	NOTOTHENIA NEGLECTA	801198	PLEURONECTIDAE	
	NOTOTHENIA ROSSII	801198	PLATICHTHYS FLEUS	802907
	EMMELICHTHYIDAE		ACCLIMATION	
	SPICARA SMARIS	803345	ANGUILLIDAE	
OXYGEN CONSUMPTION	SCORPAENIDAE		ANGUILLA ANGUILLA	802658
	SCORPAENA PORCUS	803345	TEMPERATURE	
	CYPRINIDAE		CICHLIDAE	
	CYPRINUS CARPIO	800836	ETROPLUS MACULATUS	802157
	SUBZERO WATERS		CYPRINIDAE	
	NOTOTHENIIDAE	803098	CIRRHIINA REBA	802157
	ZOARCIDAE	803098		
	EXPERIMENTAL ANALYSIS		MINERAL CONTENT	
	PLEURONECTIDAE		TELEOSTEI	800722
	PLEURONECTES PLATESSA	801950	LABRIDAE	
			CHEODRION AZURIO	800931
			SERRANIDAE	
			PARALABRAX CLATHRATUS	800311
			YOUNG	
			SALMONIDAE	
			ONCORHYNCHUS KISUTCH	802578
			SEASONAL CHANGES	
			CYPRINIDAE	
			CIRRHIINA MRIGALA	801326
			BAGRIDAE	
			MYSTUS SEENGHALA	801327

CALCIUM			RAJIDAE		BIOCHEMISTRY
CYPRINIDAE			RAJA LAEVIS	801153	AND GENERAL PHYSIOLOGY
CYPRINUS CARPIO	803476		GADIDAE		(CONTINUED)
ESOCIDAE			GADUS MORHUA	801153	
ESOX LUCIUS	803476		LOTA LOTA	801153	
EXPERIMENTAL ANALYSIS			BIOCHEMICAL SEX DIFFERENCES		
SALMONIDAE			SEASONAL CHANGES		
SALMO GAIRDNERII	801264		OSMERIDAE		
			MALLOTUS VILLOSUM	801888	
			EGG		
			GASTEROSTEIDAE		
			GASTEROSTEUS ACULEATUS	802459	
PROTEIN CONTENT			YOUNG		
CHANNIFORMES			SALMONIDAE		
CHANNA PUNCTATA	800917		ONCORHYNCHUS KISUTCH	802578	
AXIAL SKELETAL MUSCLES			CHANGE WITH AGE		
CHANGE WITH AGE			AXIAL SKELETAL MUSCLES		
BAGRIDAE			BAGRIDAE		
MYSTUS SEENGHALA	803277		MYSTUS SEENGHALA	803277	
SILURIDAE			SILURIDAE		
WALLAGONIA ATTU	803277		WALLAGONIA ATTU	803277	
EGG			SEASONAL CHANGES		
GASTEROSTEIDAE			SCOMBRIDAE		
GASTEROSTEUS ACULEATUS	802459		EUTHYNNUS ALLETTERATUS	802003	
SALMONIDAE	800960		SCOMBER JAPONICUS	802003	
YOUNG			CLUPEIDAE		
SALMONIDAE			SARDINELLA AURITA	802003	
ONCORHYNCHUS KISUTCH	802578		CYPRINIDAE		
SEASONAL CHANGES			CIRRHINA MRIGALA	801326	
CYPRINIDAE			BAGRIDAE		
CIRRHINA MRIGALA	801326		MYSTUS SEENGHALA	801327	
BAGRIDAE			BIOCHEMISTRY		
MYSTUS SEENGHALA	801327		PLEURONECTIDAE	802315	
DEVELOPMENT			SCORPAENIDAE		
EGG			SEBASTES	802315	
SALMONIDAE			EGG		
SALMO GAIRDNERII	801451		EMBRYO		
FREE AMINO ACIDS			SQUALIDAE	801842	
CLUPEIDAE			EXPERIMENTAL ANALYSIS		
BREVOORTIA TYRANNUS	803093		ANGUILLIDAE		
			ANGUILLA JAPONICA	801451	
			LIVER		
			AXIAL SKELETAL MUSCLES		
			SALMONIDAE		
			SALMO GAIRDNERII	801393	
LIPID AND FATTY ACID CONTENT			GENERAL EMBRYOLOGY		
SCYLIORHINIDAE			SALMONIDAE		
CHIOSCYLLIUM INDICUM	801651		SALMO GAIRDNERII	802945	
CHANNIFORMES			ARTIFICIAL FEEDS AND FEEDING		
OPHICEPHALUS PUNCTATUS	801651		ANGUILLIDAE		
GASTEROSTEIDAE			ANGUILLA JAPONICA	802945	
GASTEROSTEUS ACULEATUS	802459		DEVELOPMENT		
AMMODYTIDAE			EGG		
AMMODYTES PERSONATUS	800525		SALMONIDAE		
MUGILOIDEI			SALMO GAIRDNERII	801451	
MUGIL DUSSUMIERI	801651		SEASONAL CHANGES		
CARANGIDAE			CLUPEIDAE		
CARANX HIPPOS	801651		CLUPEA HARENGUS	801871	
CENTRARCHIDAE	801398		COBALT		
LEPOMIS GIBBOSUS	800575		EXPERIMENTAL ANALYSIS		
PERCIDAE	801398		SALMONIDAE		
SCATOPHAGIDAE			SALMO GAIRDNERII	802829	
SCATOPHAGUS ARGUS	801651		SQUALENE		
SCIAENIDAE			OSMERIDAE		
APLODINOTUS GRUNNIENS	801153		THALEICHTHYS PACIFICUS	801412	
	801398				
SERRANIDAE					
MORONE CHRYSOPS	801398				
THERAPONIDAE					
THERAPON JARBUA	801651				
POLYNEMOIDEI			GLUCOSE CONTENT		
POLYNEMUS TETRADACTYLUS	801651		ACANTHURIDAE		
SCOMBRIDAE			ACANTHURUS SANDVICENSIS	801419	
SCOMBER SCOMBRUS	801153		CICHLIDAE		
CYNOGLOSSIDAE			TILAPIA MOSSAMBICA	801419	
CYNOGLOSSUS	801651		CATOSTOMIDAE		
COMEPHORIDAE			CATOSTOMUS COMMERSONI	800950	
COMEPHORUS DYBOWSKII	800263		BATRACHOIDIFORMES		
BELONIDAE			OPSANUS TAU	801355	
BELONE STRONGYLURUS	801651		BIOCHEMICAL BLOOD CONSTITUENTS		
EXOCOETIDAE			SALMONIDAE		
HEMIRAMPHUS CANTORI	801651		ONCORHYNCHUS GORBUSCHA	801820	
CHIROCENTRIDAE			SEASONAL CHANGES		
CHIROCENTRUS DORAB	801651		SALMONIDAE		
CLUPEIDAE			SALMO TRUTTA	801193	
ALOSA PSEUDOHARENGUS	801398		THYMALLUS THYMALLUS	801193	
BREVOORTIA TYRANNUS	803093		EXPERIMENTAL ANALYSIS		
CLUPEA HARENGUS	801153		BLOOD AND LYMPH		
HILSA ILISHA	801651		TEMPERATURE		
CATOSTOMIDAE	801398		BATRACHOIDIFORMES		
CYPRINIDAE			OPSANUS TAU	802979	
BARBUS SARANA	801651				
CARASSIUS AURATUS	801153				
CIRRHINA MRIGALA	801651				
CYPRINUS CARPIO	801398				
LABEO ROHITA	801651				
SCARDINIUS ERYTHROPHthalmus	800802				
HETEROPNEUSTIDAE			GLYCOGEN CONTENT		
HETEROPNEUSTES FOSSILIS	801651		EXPERIMENTAL ANALYSIS		
PERCOPSIDAE			EMBRYO		
PERCOPSIS OMISCOMAYCUS	801398		SALMONIDAE		
ESOCIDAE			SALMO CLARKII	800573	
ESOX LUCIUS	801398		SALMO GAIRDNERII	800573	
ESOX MASQUINONGY	801398		SALMO TRUTTA	800573	
SALMONIDAE	801398		SALVELINUS FONTINALIS	800573	
ONCORHYNCHUS KISUTCH	800136				
SALVELINUS FONTINALIS	801153				
LIVER					
			NITROGENOUS CONTENT		

BIOCHEMISTRY  
AND GENERAL PHYSIOLOGY  
(CONTINUED)

TRIMETHYLAMINE OXIDE  
ELASMOBRANCHII  
TELEOSTEI

800903  
800903

PESTICIDE CONTENT

AMMODYTIDAE 801950  
AMMODYTES LANCEOLATUS 800726  
PERCIDAE  
PERCA FLUVIATILIS 801950  
SCIAENIDAE  
APLODINOTUS GRUNNIENS 802289  
CLUPEIDAE  
ALOSA PSEUDOHARENGUS 802289  
CLUPEA HARENGUS 800723  
800726  
800726  
SPRATTUS SPRATTUS 800726  
CYPRINIDAE  
CYPRINUS CARPIO 802064  
GADIDAE  
GADUS MORHUA 800723  
LOTA LOTA 802289  
MERLUCCIIDAE  
MERLANGUS MERLANGUS 800723  
ESOCIDAE  
ESOX LUCIUS 801950  
SALMONIDAE  
COREGONUS ARTEDI 802289  
SALMO TRUTTA 801950  
BONE  
CYPRINIDAE  
CARASSIUS CARASSIUS 801499  
BLOOD  
INFRA-SPECIFIC VARIATION  
CYPRINIDAE  
NOTEMIGONUS CRYSOLEUCAS 802725  
DDT  
SCOMBRIDAE  
SCOMBER SCOMBRUS 802293  
SALMONIDAE  
SALMO SALAR 802293  
SALVELINUS FONTINALIS 802293  
802545  
DIELDRIN  
CENTRARCHIDAE 801398  
PERCIDAE 801398  
SCIAENIDAE  
APLODINOTUS GRUNNIENS 801398  
SERRANIDAE  
MORONE CHRYSOPS 801398  
CLUPEIDAE  
ALOSA PSEUDOHARENGUS 801398  
CATOSTOMIDAE 801398  
CYPRINIDAE  
CYPRINUS CARPIO 801398  
PERCOPSIDAE  
PERCOPSIS OMISCOMAYCUS 801398  
ESOCIDAE  
ESOX LUCIUS 801398  
ESOX MASQUINONGY 801398  
SALMONIDAE 801398  
METHOXYCHLOR  
CENTRARCHIDAE  
LEPOMIS GIBBOSUS 802971  
ICTALURIDAE  
ICTALURUS NEBULOSUS 802971  
SALMONIDAE  
SALMO TRUTTA 802971  
SALVELINUS FONTINALIS 802971  
DIELDRIN  
EXPERIMENTAL ANALYSIS  
CYPRINIDAE  
CARASSIUS AURATUS 802546  
MIREX  
CENTRARCHIDAE  
LEPOMIS MACROCHIRUS 802753  
CYPRINIDAE  
CARASSIUS AURATUS 802753

VITAMIN CONTENT

EXPERIMENTAL ANALYSIS  
SALMONIDAE  
SALMO GAIRDNERII 800830  
VITAMIN A  
SCOMBRIDAE  
EUTHYNNUS PELAMIS 800830  
SALMONIDAE  
SALMO GAIRDNERII 800830  
VITAMIN D  
SCOMBRIDAE  
EUTHYNNUS PELAMIS 800830  
SALMONIDAE  
SALMO GAIRDNERII 800830  
VITAMIN E  
SCOMBRIDAE  
EUTHYNNUS PELAMIS 800830  
CYPRINIDAE  
CYPRINUS CARPIO 800830  
SALMONIDAE  
SALMO GAIRDNERII 800830

RADIOACTIVE CONTENT

SCOMBRIDAE  
THUNNUS ALALUNGA 800890  
AXIAL SKELETAL MUSCLES  
SKIN  
BALISTIDAE  
RUDARIUS ERCODES 801478  
VERTEBRAE  
BALISTIDAE  
RUDARIUS ERCODES 801478  
GUT  
BALISTIDAE  
RUDARIUS ERCODES 801478  
CESIUM  
SALMONIDAE  
COREGONUS 803081  
SALVELINUS 803081

POISON CONTENT

CHANGE WITH AGE  
LUTJANIDAE  
LUTJANUS BOHAR 803086

POLLUTANT CONTENT

MERCURY  
EXPERIMENTAL ANALYSIS  
PERCIDAE  
STIZOSTEDION LUCIOPERCA 803082  
GADIDAE  
GADUS MORHUA 803082  
ESOCIDAE  
ESOX LUCIUS 803080  
803082  
SALMONIDAE  
SALMO SALAR 803080  
PHENOL  
ORGANIC POLLUTANTS  
CYPRINIDAE  
CARASSIUS AURATUS 801580  
PLECOGLOSSIDAE  
PLECOGLOSSUS ALTIVELIS 801580  
SALMONIDAE  
SALMO GAIRDNERII 801580

NUCLEIC ACIDS

SKIN  
CYPRINIDAE  
CYPRINUS CARPIO 801586  
SALMONIDAE  
ONCORHYNCHUS 801586  
SALMO GAIRDNERII 801586

PROTEIN SYNTHESIS

COBITIDAE  
MISGURNUS FOSSILIS 800803  
CYPRINIDAE  
BRACHYDANIO RERIO 800163  
CARASSIUS 801226  
CARASSIUS CARASSIUS 800514  
REISSNER FIBER SCO COMPLEX  
CYPRINIDAE  
CYPRINUS CARPIO 801429  
MESENCEPHALON  
POECILIIDAE  
POECILIA RETICULATA 801993  
CYPRINIDAE  
CARASSIUS CARASSIUS 801993  
RETINA  
CORNEA  
LENS  
CARCHARINIDAE  
MUSTELUS CANIS 802187  
HEADKIDNEY  
BLOOD  
CYPRINIDAE  
CARASSIUS AURATUS 801418  
INTESTINE  
COBITIDAE  
MISGURNUS FOSSILIS 802037  
EMBRYO PHYSIOLOGY  
COBITIDAE  
MISGURNUS FOSSILIS 801108  
EXPERIMENTAL ANALYSIS  
TEMPERATURE  
BATRACHOIDIFORMES  
OPSANUS TAU 802180

DNA CONTENT AND FUNCTION

TELEOSTEI 800985  
CARANGIDAE  
SERIOLA QUINQUERADIATA 802889

SCORPAENIDAE		CYPRINODONTIDAE		BIOCHEMISTRY
SEBASTES VULPES	802889	FUNDULUS HETEROCLITUS	801738	AND GENERAL PHYSIOLOGY
CHARACIDAE		CYPRINIDAE		(CONTINUED)
CHALCEUS MACROLEPIDOTUS	800326	CYPRINUS CARPIO	801738	
SERRASALMUS HOLLANDI	800326	GADIDAE		
COBITIDAE		POLLACHIUS VIRENS	801738	
ACANTHOPHTHALMUS KUHLLI	800326	SERUM PROTEINS		
BOTIA MACRACANTHA	800326	ACIPENSEROMORPHA		
CYPRINIDAE		ACIPENSER GULDENSTAEDTI	801642	
CYPRINUS CARPIO	802889	ACIPENSER RUTHENUS	801642	
LABEO CHRYSOPHEKADION	800326	ACIPENSER STELLATUS	801642	
ICTALURIDAE		TELEOSTEI	801642	
ICTALURUS PUNCTATUS	800326	EGG		
LORICARIIDAE		ACIPENSEROMORPHA		
HYPOSTOMUS PLECOSTOMUS	800326	ACIPENSER GULDENSTAEDTI	801107	
SALMONIDAE	802889	ACIPENSER STELLATUS	801107	
COREGONUS	801513	INHERITANCE		
	802471	CYPRINIDAE		
PROSOPIUM	801513	MYLOCHEILUS CAURINUM	802403	
PROSOPIUM COULTERI	802471	RICHARDSONIUS BALTEATUS	802403	
PROSOPIUM CYLINDRACEUM	802471	EXPERIMENTAL ANALYSIS		
STENODUS	801513	GONADOTROPIN		
STENODUS LEUCICHTHYS	802471	PETROMYZONTOMORPHA	803457	
THYMALLUS ARCTICUS	802471	DIPNOI		
EXPERIMENTAL ANALYSIS		PROTOPTERUS AETHIOPICUS	803457	
HEMOPOIESIS		TELEOSTEI	803457	
CYPRINIDAE		CYPRINIDAE		
CARASSIUS AURATUS	801608	CYPRINUS CARPIO	803457	
DESCRIPTIVE EVOLUTION		CYTOCHROME C		
SQUALIDAE		DESCRIPTIVE EVOLUTION		
SQUALUS ACANTHIAS	803265	TELEOSTEI	803106	
DIPNOI	803265			
SALMONIDAE	803265			
DESCRIPTIVE EVOLUTION		ENZYMOLOGY		
PETROMYZONTOMORPHA	801423	ELECTRIC ORGANS		
ELASMOBRANCHII	801423	ELECTROPHORIDAE		
DIPNOI	801423	ELECTROPHORUS ELECTRICUS	803114	
OSTEOLEPIDOMORPHA	800326	OVARIAN CYCLES		
CHEIROLEPIDOMORPHA	800326	ANABANTIDAE		
TELEOSTEI	801423	ANABAS SCANDENS	801206	
	801683	LARVA		
CHARACIDAE	800326	TELEOSTEI	801082	
COBITIDAE	800326	EXPERIMENTAL ANALYSIS		
CYPRINIDAE	800326	TEMPERATURE		
ICTALURIDAE	800326	CYPRINIDAE		
LORICARIIDAE	800326	CARASSIUS AURATUS	801301	
PRIMITIVE VS ADVANCED TRAITS		MALIC ENZYME		
CYPRINIDAE		ULTRASTRUCTURE		
BARBUS TETRAZONA	800601	AXIAL SKELETAL MUSCLES		
CYPRINUS CARPIO	800601	GADIDAE		
OSMERIDAE		MELANOGRAMMUS AEGLEFINUS	802468	
HYPOMESUS PRETIOSUS	800601	TYROSINASE		
SALMONIDAE		DEVELOPMENT		
SALMO GAIRDNERII	800601	CYPRINODONTIDAE		
		FUNDULUS HETEROCLITUS	800166	
RNA CONTENT AND FUNCTION				
TELEOSTEI	800985	COMPARATIVE ENZYMOLOGY		
CARANGIDAE		CENTRARCHIDAE		
SERIOLA QUINQUERADIATA	802889	LEPOMIS MACROCHIRUS	802390	
SCORPAENIDAE		CYPRINIDAE		
SEBASTES VULPES	802889	CYPRINUS CARPIO	800805	
COBITIDAE		ICTALURIDAE		
MISGURNUS FOSSILIS	800910	ICTALURUS PUNCTATUS	802390	
CYPRINIDAE		LDH ISOENZYMES		
CARASSIUS AURATUS	800211	PLEURONECTIFORMES	801571	
CYPRINUS CARPIO	802889	SALMONIDAE		
BATRACHOIDIFORMES		SALMO TRUTTA	801831	
OPSANUS TAU	800928	SALMO GAIRDNERII	801831	
SALMONIDAE	802889		802404	
BRAIN		SALVELINUS NAMAYCUSH	802404	
COMPENSATION FOR SWIMMING IMPEDIMENT		SALVELINUS FONTINALIS	801831	
CYPRINIDAE			802404	
CARASSIUS AURATUS	803107	SALVELINUS FONTINALIS X		
EFFECTS OF EXPERIENCE		SALMO TRUTTA X	802404	
CYPRINIDAE		ULTRASTRUCTURE		
CARASSIUS AURATUS	803450	INHERITANCE		
BIOCHEMISTRY		DESCRIPTIVE EVOLUTION		
LIVER		ACIPENSEROMORPHA		
PLEURONECTIDAE		ACIPENSER	803105	
PLEURONECTES PLATESSA	802808	PLEURONECTIDAE		
DEVELOPMENT		HIPPOGLOSSUS	803105	
COBITIDAE		ADAPTIVE EVOLUTION		
MISGURNUS FOSSILIS	801479	ELASMOBRANCHII	801189	
		DIPNOI	801189	
PROTEIN SPECIFICITY				
SALMONIDAE	800960	TELEOSTEI	801189	
SALMO GAIRDNERII	802404	CREATINE KINASE		
SALVELINUS FONTINALIS	802404	CARCHARHINIDAE		
SALVELINUS FONTINALIS X		GALEORHINUS GALEUS	802610	
SALMO TRUTTA X	802404	SCYLIORHINIDAE		
SALVELINUS NAMAYCUSH	802404	SCYLIORHINUS CANICULUS	802610	
GONADOTROPIN		ACIPENSEROMORPHA		
CYPRINIDAE		ACIPENSER STURIO	802610	
CARASSIUS AURATUS	801356	CENTRARCHIDAE		
CTENOPHARYNGODON IDELLA	801611	MICROPTERUS SALMOIDES	802610	
CYPRINUS CARPIO	801611	CICHLIDAE	802610	
HETEROPNEUSTIDAE		COTTIDAE		
HETEROPNEUSTES FOSSILIS	801401	COTTUS SCORPIUS	802610	
SALMONIDAE		TRIGLIDAE		
ONCORHYNCHUS TSHAWYTSCHA	801356	TRIGLA GURNARDUS	802610	
PROLACTIN		ANGUILLIDAE		
		ANGUILLA ANGUILLA	802610	
		CONGRIDAE		









<b>SKIN</b>				
COTTUNCULIDAE	801655	CIRRHINA REBA	801192	TEGUMENTARY SYSTEM
BACTERIAL DISEASES		FUNCTION		
CARANGIDAE		KNERIIDAE	801648	
TRACHINOTUS OVATUS	802294	KNERIA MAYDELLI		
CICHLIDAE		PHRACTOLAEMIDAE	801648	
TILAPIA MOSSAMBICA	802294	PHRACTOLAEMUS ANSORGEI		
EPHIPPIDAE		ULTRASTRUCTURE		
DREPANE PUNCTATA	802294	DIPNOI		
POMACENTRIDAE		PROTOPTERUS ANNECTENS	800947	
ABUDEFDUF SAXATILIS	802294	POECILIIDAE		
SCATOPHAGIDAE		POECILIA RETICULATA	800292	
SCATOPHAGUS ARGUS	802294	ANGUILLIDAE		
THERAPONIDAE		ANGUILLA ROSTRATA	800292	
THERAPON JARBUA	802294	CYPRINIDAE		
MEGALOPIDAE		CARASSIUS AURATUS	800292	
MEGALOPS CYPRINOIDES	802294	CALLICHTHYIDAE		
PLOTOSIDAE		CORYDORAS AENEUS	800292	
PLOTOSUS ANGUILLARIS	802294	DEVELOPMENT		
ANATOMY		Gobiidae		
LAMPRIDIFORMES		CHASMICHTHYS GULOSUS	801448	
RADIICEPHALUS ELONGATUS	800331	BIOCHEMISTRY		
MORMYRIDAE	800642	CARCHARHINIDAE		
HISTOLOGY		CARCHARHINUS SORRAH	801843	
COELACANTHINI		PRIONACE GLAUCA	801843	
LATIMERIA CHALUMNAE	801680	SCOLIODON WALBEEHMI	801843	
CYPRINIDAE		ISURIDAE		
		CARCHARODON ALBMARGINATUS	801843	



MYXINOMORPHA			PSENES CYANOPHYRUS	801764	TEGUMENTARY SYSTEM (CONTINUED)
MYXINE GLUTINOSA	800736		SYNAPHOBRANCHIDAE		
POECILIIDAE			SYNAPHOBRANCHUS	801764	
XIPHOPHORUS MACULATUS X			OPHIDIIDAE		
XIPHOPHORUS HELLERII X	800787		PARABASSOGIGAS CRASSUS	801764	
LARVA			MYCTOPHIDAE		
ORYZIATIDAE			DIAPHUS THETA	801764	
ORYZIAS LATIPES	801865		MYCTOPHUM PUNCTATUM	801764	
BIOCHEMISTRY			SYNODONTIDAE		
CYPRINIDAE			SYNODUS FOETENS	801764	
CARASSIUS AURATUS	801303		SALMONIDAE		
FUNCTION			ONCORHYNCHUS KISUTCH	801764	
CYPRINODONTIDAE			CHAULIODONTIDAE		
FUNDULUS HETEROCLITUS	800322		CHAULIODUS	801764	
BIOCHEMISTRY			GONOSTOMATIDAE		
INNERVATION			CYCLOTHONE	801764	
LABRIDAE			STERNOPTYCHIDAE		
TAUTOGOLABRUS ADSPERSUS	801965		ARGYROPELECUS HEMIGYMNUS	801764	
DEVELOPMENT			ARGYROPELECUS LYCHNUS	801764	
ORYZIATIDAE			ARGYROPELECUS OLFERSI	801764	
ORYZIAS LATIPES	801074		STOMIATIDAE		
FUNCTION			STOMIAS	801764	
MYXINOMORPHA			CHOROID AND TAPETUM		
MYXINE GLUTINOSA	800736		CHIMAEROMORPHA		
PETROMYZONTOMORPHA			HYDROLAGUS AFFINIS	801764	
GEOTRIA AUSTRALIS	801739		HYDROLAGUS COLLIEI	801764	
MORDACIA MORDAX	801739		DASYATIDAE		
EXPERIMENTAL ANALYSIS			DASYATIS SABINA	801764	
CICHLIDAE			DASYATIS SAYI	801764	
PTEROPHYLLUM SCALARE	800963		RAJIDAE		
CYPRINODONTIDAE			BREVIRAJA PALLIDA	801764	
FUNDULUS HETEROCLITUS	801256		TORPEDINIDAE		
DEVELOPMENTAL ANALYSIS			NARCINE BRASILIENSIS	801764	
CYPRINIDAE			SQUALIDAE		
CARASSIUS AURATUS	800789		CENTROSCYMNUS COELOLEPIS	801764	
	800790		ETMOPTERUS PRINCEPS	801764	
NORMETANEPHRINE			DEVELOPMENT		
EXPERIMENTAL ANALYSIS			YOUNG		
ORYZIATIDAE			SALMONIDAE		
ORYZIAS LATIPES	801055		ONCORHYNCHUS KISUTCH	802578	
TETRODOTOXIN			GUANINE		
EXPERIMENTAL ANALYSIS			DEVELOPMENTAL ANALYSIS		
CYPRINODONTIDAE			SALMONIDAE		
FUNDULUS HETEROCLITUS	803270		SALMO SALAR	802549	
<b>PIGMENTS</b>			<b>ALBINISM</b>		
BIOCHEMICAL BLOOD CONSTITUENTS			CICHLIDAE		
SEASONAL CHANGES			CICHLASOMA NIGROFASCIATUM	802503	
ANGUILLIDAE			SOLEIDAE		
ANGUILLA JAPONICA	801587		SOLEA SOLEA	803042	
EXPERIMENTAL ANALYSIS			CYPRINIDAE		
EMBRYO PHYSIOLOGY			CYPRINUS CARPIO	802761	
SALMONIDAE			ARIIDAE		
SALMO TRUTTA	802675		TACHYSURUS DUSSUMIERI	801938	
			CALLICHTHYIDAE		
			CORYDORAS	802710	
			CLARIIDAE		
			CLARIAS BATRACHUS	801649	
<b>PIGMENT CHEMISTRY</b>			HETEROPNEUSTIDAE		
POECILIIDAE			HETEROPNEUSTES FOSSILIS	803429	
XIPHOPHORUS HELLERII	800639		ICTALURIDAE	802710	
CYPRINIDAE			LORICARIIDAE		
CARASSIUS AURATUS	801303		PLECOSTOMUS	802710	
			MOCHOKIDAE		
			SYNODONTIS DAVIDI	802710	
			BIOCHEMISTRY		
			POECILIIDAE		
			XIPHOPHORUS HELLERII	800639	
<b>STRUCTURAL COLORS</b>			<b>MELANISM</b>		
ULTRASTRUCTURE			AMINO ACIDS		
CALLIONYMOIDEI			BIOCHEMISTRY		
CALLIONYMUS	801571		POECILIIDAE		
BIOCHEMISTRY			POECILIA SPHENOPS	802930	
IRIS AND PUPIL					
DASYATIDAE					
DASYATIS SABINA	801764				
DASYATIS SAYI	801764				
TRICHIURIDAE					
TRICHIURUS LEPTURUS	801764				
PERITONEUM					
MYCTOPHIDAE					
MYCTOPHUM PUNCTATUM	801764				
SALMONIDAE					
ONCORHYNCHUS KISUTCH	801764				
FUNCTION					
SKIN					
CHIMAEROMORPHA					
HYDROLAGUS AFFINIS	801764				
HYDROLAGUS COLLIEI	801764				
DASYATIDAE					
DASYATIS SABINA	801764				
RAJIDAE					
RAJA RICHARDSONI	801764				

TEGUMENTARY SYSTEM  
(CONTINUED)

ACANTHURIDAE	
ZANCLUS CORNUTUS	803000
LABRIDAE	
PIELOMETOPON PULCHRUM	803000
APOGONIDAE	
APOGON PUNCTICULATUS	801709
CHAETODONTIDAE	
HENIOCHUS NIGRIROSTRIS	803000
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ISTIOPHORIDAE	803380	SALVELINUS GREYI	800520	
XIPHIIDAE		DEVELOPMENT		
XIPHIAS GLADIUS	803380	ACIPENSEROMORPHA		
CONGRIDAE		ACIPENSER	800520	
BATHYMYRUS SMITHI	803308	TELEOSTEI	800520	
HETERENCHELYIDAE	802713	CICHLIDAE	802680	
MURAENESOCIDAE	800402	CLUPEIDAE		
OPHICHTHIDAE		CLUPEA HARENGUS	802680	
ECHELUS MYRUS	802712	ETHMALOSA FIMBRIATA	802680	
ECHELUS PACHYRHYNCHUS	802712			
MYROPHIS PLUMBEUS	802712			
ANATOMY				
PHOLIDOPHOROMORPHA				
PHOLIDOPHORUS BECHEI	800520			
PHOLIDOPHOROPSIS MACULATA	800520			
PHOLIDOLEPIS DORSETENSIS	800520			
TELEOSTEI	800520			

**SKELETAL SYSTEM  
(CONTINUED)**

SARDINA PILCHARDUS	802680
SPRATTUS SPRATTUS	802680
CONGRIDAE	
CONGER CONGER	802680
CYEMIDAE	
CYEMA ATRUM	802680
SERRIVOMERIDAE	
SERRIVOMER BREVIDENTATUS	802680
ALBULIDAE	
ALBULA VULPES	802680
ELOPIDAE	
ELOPS	800520
ELOPS LACERTA	802680
OSTEOGLOSSIDAE	
HETEROTIS NILOTICUS	802680
ESOCIDAE	
ESOX LUCIUS	802511
SALMONIDAE	
SALMO GAIRDNERII	802680
DESCRIPTIVE EVOLUTION	
TELEOSTEI	800520
ELOPIDAE	
ELOPS	800520
LEPTOLEPIDOMORPHA	
ALLOTHRISOPS	800520
LEPTOLEPIS DUBIA	800520
THRISOPS	800520
HIODONTIDAE	
HIODON ALOSIDES	800520
ANATOMY	
BLENNIIDAE	802433
ACANTHOCLINIDAE	
ACANTHOCLINUS	802433

**RIBS**

ANATOMY	
DIPNOI	
GNATHORHIZA SERRATA	800157

**APPENDICULAR SKELETON**

CHONDRENCHYLOMORPHA	
CHONDRENCHYLS	803398
HELODONTOMORPHA	
HELODUS	803398
PETALODONTOMORPHA	
CTENOPTYCHIUS	803398
JANASSA	803398
EDESTOMORPHA	803398

**PECTORAL GIRDLE**

DIPNOI	
URANOLOPHUS WYOMINGENSIS	803072
	803402
BLENNIOIDEI	803019
MICRODESMIDAE	
MICRODESMUS DIPUS	802197
PERCIDAE	
ETHEOSTOMA RUPESTRE	802117
SCIAENIDAE	
SCIAENOPS OCELLATA	801790
GEMPYLIDAE	
SCOMBROLABRAX HETEROLEPIS	803019
BATHYLACONOIDAE	
BATHYLACO NIGRICANS	801577
ANATOMY	
BADIDAE	
BADIS BADIS	803012
CENTROPOMIDAE	
CENTROPOMUS	802189
PEMPHERIDAE	
PARAPRIACANTHUS	802959
PEMPHERIS	802959
BOTHIDAE	
PARALICHTHYS	802983
COTTIDAE	
ARTEDIALLUS	800021
MYOXOCEPHALUS	800021
DENTICIPITIDAE	
DENTICEPS CLUPEOIDES	800616
CYPRINIDAE	803144
DESCRIPTIVE EVOLUTION	
BLENNIIDAE	802433
CHAENOPSIDAE	802433
CLINIDAE	802433
TRIPTYERYGIIDAE	802433
KUHLIDAE	
KUHLIA SANDVICENSIS	802433
POMACENTRIDAE	
ABUDEFDUF ABDOMINALIS	802433
IDENTIFICATION	
CYPRINIDAE	800638
DESCRIPTIVE EVOLUTION	
DIPNOI	803400
SCAUMENACIA CURTA	803401
RHIPIDISTIA	803400
COELACANTHINI	803400
CHONDROSTEI	803400

**PELVIC GIRDLE**

CHANNIFORMES	
CHANNA	803019
GASTEROSTEIDAE	
PUNGITIUS PUNGITIUS	802114
ANABANTOIDEI	803019
BLENNIOIDEI	803019
MICRODESMIDAE	
MICRODESMUS DIPUS	802197
GADOPSIDAE	
GADOPSIS MARMORATUS	803019
PEMPHERIDAE	
PARAPRIACANTHUS	802959
PEMPHERIS	802959
PERCIDAE	
ETHEOSTOMA RUPESTRE	802117
SCIAENIDAE	
SCIAENOPS OCELLATA	801790
GEMPYLIDAE	
SCOMBROLABRAX HETEROLEPIS	803019
DACTYLOSCOPIDAE	803019
TRACHINIDAE	
TRACHINUS DRACO	803019
URANOSCOPIDAE	803019
TRIACANTHIDAE	
TRIACANTHUS BIACULEATUS	801918
TRIPODICHTHYS BLOCHI	801918
TRIPODICHTHYS OXYCEPHALUS	801918
TRIXIPHICHTHYS WEBERI	801918
TRIACANTHODIDAE	801918
HALIMOCHIRURGUS CENTRISCOIDES	801918
HOLLARDIA HOLLARDI	801918
JOHNSONINA ERIOMMA	801918
PARAHOLLARDIA LINEATA	801918
PARATRIACANTHODES HERREI	801918
TRIACANTHODES ANOMALUS	801918
OPHIIDAE	803019
ANATOMY	
BLENNIIDAE	802433
CENTROPOMIDAE	
CENTROPOMUS	802189
BOTHIDAE	
PARALICHTHYS	802983
DENTICIPITIDAE	
DENTICEPS CLUPEOIDES	800616
MORMYRIDAE	
CAMPYLOMORMYRUS	801507
ABNORMALITY	
INHERITANCE	
CYPRINIDAE	
PARACHEILOGNATHUS RHOMBEUS X	
ACHEILOGNATHUS LIMBATUS X	800666
RHODEUS OCELLATUS	800666
RHODEUS OCELLATUS X	
PARACHEILOGNATHUS ROMBEUS X	800666

**FINS**

ABNORMALITY	
CHARACIDAE	
GYMNOCORYMBUS TERNETZI	801674
INHERITANCE	
POECILIIDAE	
POECILIA SPHENOPS	800115
XIPHOPHORUS HELLERII	800535
CHARACIDAE	
GYMNOCORYMBUS TERNETZI	800767
	800860
	801676
ELASTOIDIN	
BIOCHEMISTRY	
CARCHARINIDAE	
PRIONACE GLAUCA	800902

**RAYS AND SPINES**

ULTRASTRUCTURE	
CICHLIDAE	
TILAPIA MOSSAMBICA	800811
CYPRINIDAE	
CARASSIUS AURATUS	800811

**FIN SKELETAL SUPPORTS**

CAUDAL FIN	
CENTRISCIDAE	
AEOLISCUS STRIGATUS	802680
FISTULARIIDAE	
FISTULARIA VILLOSA	802680
ANABANTIDAE	
ANABAS TESTUDINEUS	802680
PHOLIDIDAE	
PHOLIS GUNNELLUS	802680
Gobiidae	
ELEOTRIODES LONGIPINNIS	802680
PSEUDAPOCRYPTES	802680
MULLIDAE	
MULLUS BARBATUS	802680
PSEUDUPENEUS PRAYENSIS	802680
SCOMBRIDAE	
ACANTHOCYBIUM SOLANDRI	802680

SCOMBER JAPONICUS.	802680	PARAPRIACANTHUS	802959	SKELETAL SYSTEM
THUNNUS OBESUS	802680	PEMPHERIS	802959	(CONTINUED)
CYNOGLOSSIDAE		PERCIDAE		
CYNOGLOSSUS MONODI	802680	ETHEOSTOMA RUPESTRE	802117	
CYNOGLOSSUS GORENSIS	802680	ANATOMY		
SOLEIDAE		PALEONISCOMORPHA	800406	
SYNAPTURA ASPILOS	802680	HOLOSTEI	800406	
COTTIDAE		CARANGIDAE		
COTTUS BUBALIS	802680	CARANGOPSIS	800406	
BALISTIDAE	802680	DUCTOR	800406	
TETRAODONTIDAE		TRACHINOTUS	800406	
DICHOTOMYCTER RANGOONENSIS	802680	VOMEROPSIS	800406	
ZEIDAE		CENTROPOMIDAE		
ZEUS FABER	802680	LATES	800406	
ANABLEPIDAE		EPHIPPIDAE		
ANABLEPS ANABLEPS	802680	SEMIOPHORUS	800406	
CYPRINODONTIDAE		MENIDAE		
APHYOSEMION LIBERIENSE	802680	MENE	800406	
EPIPLATYS FASCIOLATUS	802680	MONODACTYLIDAE		
GOODEIDAE		AMPHISTIUM	800406	
GOODEA ATRIPINNIS	802680	PERCIDAE		
JENYNYSIIDAE		PERCA	800406	
JENYNYSIA LINEATA	802680	SERRANIDAE		
EXOCOETIDAE		SERRANUS	800406	
GRECARCHOPTERUS NOVAEGUINEAE	802680	SCOMBRIDAE		
HYPORHAMPHUS	802680	GRAMMATORCYNUS	800406	
ZENARCHOPTERUS DISPAR	802680	SOLEIDAE		
CHIROCENTRIDAE		ACHIRUS	800406	
CHIROCENTRUS DORAB	802680	IMHOFFIUS	800406	
CLUPEIDAE		ELOPIDAE		
CLUPEA HARENGUS	802680	ELOPS	800406	
SARDINELLA ANCHOVIA	802680	ESOCIDAE		
SPRATTELLOIDES DELICATULUS	802680	ESOX	800406	
ENGRAULIDAE		DESCRIPTIVE EVOLUTION		
COILIA	802680	PALEONISCOMORPHA	800406	
CONGRIDAE		HOLOSTEI	800406	
COLOCONGER CADENATI	802680	CARANGIDAE		
CONGER CONGER	802680	CARANGOPSIS	800406	
MURAENIDAE		DUCTOR	800406	
ENCHELYCORE NIGRICANS	802680	TRACHINOTUS	800406	
ALBULIDAE		VOMEROPSIS	800406	
ALBULA VULPES	802680	CENTROPOMIDAE		
COBITIDAE		LATES	800406	
BOTIA MACRACANTHUS	802680	EPHIPPIDAE		
CYPRINIDAE	802680	SEMIOPHORUS	800406	
BARBUS MAHECOLA	802680	MENIDAE		
CARASSIUS AURATUS	802680	MENE	800406	
LABEO COUBIE	802680	MONODACTYLIDAE		
PUNTIUS SCHWANEFELDI	802680	AMPHISTIUM	800406	
CALlichthyidae	802680	PERCIDAE		
MOCHOKIDAE		PERCA	800406	
SYNODONTIS MEMBRANACEUS	802680	SERRANIDAE		
NOTOPTERIDAE		SERRANUS	800406	
NOTOPTERUS NOTOPTERUS	802680	SCOMBRIDAE		
OSTEOGLOSSIDAE		GRAMMATORCYNUS	800406	
HETEROTIS NILOTICUS	802680	SOLEIDAE		
PANTODONTIDAE		ACHIRUS	800406	
PANTODON BUCHHOLZI	802680	IMHOFFIUS	800406	
GADIDAE		ELOPIDAE		
POLLACHIUS VIRENS	802680	ELOPS	800406	
MACROURIDAE		ESOCIDAE		
HYMENOCEPHALUS ITALICUS	802680	ESOX	800406	
MERLUCCIIDAE				
MERLUCCIIUS MERLUCCIIUS	802680			
KNERIIDAE				
GRASSEICHTHYS GABONENSIS	802680			
PHRACTOLAEMIDAE		PECTORAL FIN SKELETON		
PHRACTOLAEMUS ANSORGEI	802680	RHIPIDISTIA	802622	
ESOCIDAE		ARIIDAE		
ESOX LUCIUS	802680	BAGRE MARINUS	800460	
UMBRIDAE		GALEICHTHYS FELIS	800460	
DALLIA PECTORALIS	802680	ICTALURIDAE		
UMBRA LIMI	802680	ICTALURUS NEBULOSUS	800460	
SYNODONTIDAE		ICTALURUS PUNCTATUS	800460	
TRACHINOCEPHALUS MYOPS	802680	ANATOMY		
ANATOMY		SYNAPHOBANCHIDAE	801352	
SCIAENIDAE				
SCIAENOPS OCELLATA	801790			
DEVELOPMENTAL ANALYSIS				
TEMPERATURE				
CYPRINIDAE		PELVIC FIN SKELETON		
CYPRINUS CARPIO	802479	RHIPIDISTIA	802622	
DORSAL FIN SKELETON		VISCERAL SKELETON		
PEMPHERIDAE		DIPNOI	801986	
PARAPRIACANTHUS	802959	GNATHORHIZA SERRATA	801792	
PEMPHERIS	802959	URANOLOPHUS WYOMINGENSIS	803072	
TRIACANTHIDAE		RHIPIDISTIA	802622	
TRIACANTHUS BIACULEATUS	801918	OSTEOLEPIDOMORPHA		
TRIPODICHTHYS BLOCHI	801918	EUSTHENOPTERON FOORDI	803406	
TRIACANTHODIDAE		POLYPTEROMORPHA	801986	
PARAHOLLARDIA LINEATA	801918	AMOMORPHA		
ANATOMY		UROCLES	801659	
MORMYRIDAE		NOTOGRAPTIDAE		
CAMPYLOMORMYRUS	801507	NOTOGRAPTUS GUTTATUS	803019	
ABNORMALITY		MICRODESMDAE		
Gobiidae		MICRODESMS DIPUS	802197	
MICROGOBIUS GULOSUS	800623	MASTACEMBELIDAE		
		MASTACEMBELUS LIBERIENSIS	803019	
		GADOPSIDAE		
		GADOPSIS MARMORATUS	803019	
		BATHYMASTERIDAE		
		BATHYMASTER SIGNATUS	803019	
		MUGILOIDIDAE		
ANAL FIN SKELETON				
PEMPHERIDAE				

SKELETAL SYSTEM (CONTINUED)			
PROLILITUS JUGULARIS	803019	MONOCENTRIDAE	
TRACHINIDAE		MONOCENTRIS JAPONICUS	801986
TRACHINUS DRACO	803019	TRACHICHTHYIDAE	
URANOSCOPIDAE	803019	HOPLOSTETHUS INTERMEDIUS	801986
ALABETIDAE		CHANNIFORMES	
ALABES	803019	CHANNA GACHUA	801986
TRIACANTHODIDAE		CHANNA STRIATA	801986
PARAHOLLARDIA LINEATA	801918	DACTYLOPTERIFORMES	801986
CONGRIDAE		AULORHYNCHIDAE	
BATHYMYRUS SMITHI	803308	AULORHYNCHUS FLAVIDUM	801986
OPHIDIIDAE	803019	AULOSTOMIDAE	
ANATOMY		AULOSTOMUS CHINENSIS	801986
ACANTHODOMORPHA		CENTRISCIDAE	
ACANTHODES BRONNI	803395	CENTRISCUS SCUTATUS	801986
CHONDRENCHELYOMORPHA		FISTULARIIDAE	
CHONDRENCHELYS	803398	FISTULARIA	801986
HELODONTOMORPHA		FISTULARIA PETIMBA	801986
HELODUS	803398	GASTEROSTEIDAE	
PETALODONTOMORPHA		CULAEA INCONSTANS	801986
JANASSA	803398	GASTEROSTEUS ACULEATUS	801986
COCHLIODONTOMORPHA		PUNGITIUS PUNGITIUS	801986
DELTOPTYCHIUS	803398	MACRORHAMPHOSIDAE	
	803399	CENTRISCOPUS LILLIEI	801986
MENASPIS ARMATA	803399	SYNGNATHIDAE	
EDESTOMORPHA	803398	HIPPOCAMPUS HILONIS	801986
DIPNOI		SYNGNATHUS FUSCUS	801986
NEOCERATODUS FORSTERI	802593	SYNGNATHUS GRISEOLINEATA	801986
BADIDAE		TRACHTERIDAE	
BADIS BADIS	803012	TRACHTERUS ALTIVELIS	801986
BLENNIIDAE	802433	PEGASIFORMES	
CENTROPOMIDAE		PEGASUS VOLITANS	801986
CENTROPOMUS	802189	AMMODYTOIDEI	801986
NANDIDAE		ANABANTIDAE	
PRISTOLEPIS	803012	ANABAS TESTUDINEUS	801986
PEMPHERIDAE		BELONTIIDAE	
PARAPRIACANTHUS	802959	TRICHOASTER TRICHOPTERUS	801986
PEMPHERIS	802959	BLENNIOIDEI	801986
SCIAENIDAE		CALLIONYMOIDEI	801986
SCIAENOPS OCELLATA	801790	GOBIOIDEI	801986
DENTICIPITIDAE		GOBIDAE	
DENTICEPS CLUPEOIDES	800616	MYSTICHTHYS LUZONENSIS	801986
PALAEODENTICEPS TANGANIKAE	800616	ICOSTEOIDEI	
SISORIDAE		ICOSTEUS AENIGMATICUS	801986
PSEUDECHENEIS SULCATUS	802513	LABROIDEI	801986
MORMYRIDAE		LUCIOCEPHALOIDEI	
CAMPYLOMORMYRUS	801507	LUCIOCEPHALUS PULCHER	801986
SALMONIDAE		CHAUDHURIIDAE	
BRACHYMYSTAX LENOK	802480	CHAUDHURIA CAUDATA	801986
HUCHO TAIMEN	802480	MASTACEMBELIDAE	
HUCHO PERRYI	802480	MASTACEMBELUS PANCELAS	801986
HUCHO HUCHO	802480	MUGILOIDEI	801986
IDENTIFICATION		NOTOTHENIOIDEI	801986
BOTHIDAE		ECHENEIDAE	801986
PARALICHTHYS ALBIGUTTA	802983	REMORA REMORA	801986
PARALICHTHYS DENTATUS	802983	REMOROPSIS BRACHYPTERA	801986
PARALICHTHYS LETHOSTIGMA	802983	RHOMBOCHIRUS OSTEOCHIR	801986
MORPHOMETRICS		POLYNEMOIDEI	801986
CYPRINIDAE		SCHINDLERIOIDEI	
CARASSIUS AURATUS	802814	SCHINDLERIA PRAEMATURA	801986
CARASSIUS CARASSIUS	802814	SCOMBROIDEI	801986
DESCRIPTIVE EVOLUTION		STROMATEOIDEI	801986
DIPNOI	803400	TRACHINOIDEI	801986
NEOCERATODUS FORSTERI	803400	PLEURONECTIDAE	801986
RHIPIDISTIA	803400	SCOPHTHALMIDAE	
COELACANTHINI	803400	SCOPHTHALMUS AQUOSUS	801986
CHONDROSTEI	803400	SOLEIDAE	
HISTOLOGY		ACHIRUS MAZATLANUS	801986
COELACANTHINI		COTTOIDEI	801986
LATIMERIA CHALUMNAE	803020	ALABETIDAE	
IDENTIFICATION		ALABES RUFUS	801986
CYPRINIDAE	800638	SYNBRANCHIDAE	
ABNORMALITY		MONOPTERUS ALBUS	801986
SALMONIDAE		SYNBRANCHUS MARMORATUS	801986
SALMO GAIRDNERII	803047	BALISTIDAE	
DEVELOPMENT		BALISTES VERRES	801986
SALMONIDAE		MONACANTHUS HISPIDUS	801986
SALMO TRUTTA	802630	DIODONTIDAE	
FUNCTION		CHILOMYCTERUS ATINGA	801986
ANATOMY		MOLIDAE	
DIPNOI		MOLA MOLA	801986
LEPIDOSIREN PARADOXA	800324	OSTRACIONTIDAE	
DEVELOPMENT		LACTOPHRYS TRICORNIS	801986
DESCRIPTIVE EVOLUTION	802813	LACTOPHRYS TRIQUETER	801986
	803394	TETRAODONTIDAE	
		CANTHIGASTER PUNCTATISSIMA	801986
		TRIACANTHIDAE	
		TRIACANTHUS OXYCEPHALUS	801986
		ZEIDAE	
		CAPROMIMUS ABBREVIATUS	801986
		ZEUS FABER	801986
		ATHERINIDAE	
		MENIDIA MENIDIA	801986
		PHALLOSTETHIDAE	
		NEOSTETHUS SIAMENSIS	

SCOMBERESOCIDAE  
 COLOLABIS SAIRA 801986  
 CHIROCENTRIDAE  
 CHIROCENTRUS DORAB 801986  
 CHIROCENTRUS HYPSELOMA 801986  
 CLUPEIDAE 801986  
 DENTICIPIIDAE  
 DENTICEPS CLUPEOIDES 801986  
 ENGRAULIDAE  
 ANCHOA HEPSETUS 801986  
 ANGUILLIDAE  
 ANGUILLA ROSTRATA 801986  
 CONGRIDAE  
 TAENIOCONGER 801986  
 MORINGUIDAE  
 MORINGUA MACROCHIR 801986  
 MURAENIDAE  
 GYMNOTHORAX DOVII 801986  
 MURAENA LENTIGINOSA 801986  
 SERRIVOMERIDAE  
 SERRIVOMER SECTOR 801986  
 XENOCONGRIDAE  
 MURAENICHTHYS COOKEI 801986  
 ALBULIDAE  
 ALBULA VULPES 801986  
 ELOPIDAE  
 ELOPS SAURUS 801986  
 MEGALOPIDAE  
 MEGALOPS ATLANTICA 801986  
 HALOSAURIDAE  
 ALDROVANDIA AFFINIS 801986  
 ALDROVANDIA MACROCHIR 801986  
 HALOSAURUS OWENI 801986  
 NOTACANTHIDAE  
 NOTACANTHUS PHASGANORUS 801986  
 ANOSTOMIDAE  
 ANOSTOMUS ANOSTOMUS 801986  
 CHARACIDAE  
 ANOPTICHTHYS 801986  
 ASTYANAX FASCIATUS 801986  
 CATOSTOMIDAE  
 CATOSTOMUS COMMERSONII 801986  
 COBITIDAE  
 COBITIS TAENIA 801986  
 CYPRINIDAE 801986  
 GYRINOCHEILIDAE  
 GYRINOCHEILUS AYMONIERI 801986  
 HOMALOPTERIDAE  
 HOMALOPTERA ZOLLINGERI 801986  
 AMPHILIIDAE  
 AMPHILIUS GRANDIS 801986  
 AMPHILIUS PLATYCHIR 801986  
 ARIIDAE  
 CATHOROPS GULOSA 801986  
 GALEICHTHYS FELIS 801986  
 BAGRIDAE  
 LIOBAGRUS MARGINATUS 801986  
 MYSTUS BLEEKERI 801986  
 CALLICHTHYIDAE  
 CORYDORAS AENEUS 801986  
 HOPLOSTERNUM LITTORALE 801986  
 CHACIDAE  
 CHACA CHACA 801986  
 CLARIIDAE  
 CLARIAS MACROCEPHALUS 801986  
 HETEROPNEUSTIDAE  
 HETEROPNEUSTES FOSSILIS 801986  
 ICTALURIDAE  
 ICTALURUS NEBULOSUS 801986  
 ICTALURUS PUNCTATUS 801986  
 NOTURUS GYRINUS 801986  
 MALAPTERURIDAE  
 MALAPTERURUS ELECTRICUS 801986  
 MOCHOKIDAE  
 MOCHOKUS NILOTICUS 801986  
 SYNODONTIS WOOSNAMI 801986  
 PIMELODIDAE  
 RHAMDIA GUATEMALENSIS 801986  
 PLOTOSIDAE  
 PLOTOSUS ANGUILLARIS 801986  
 SILURIDAE  
 KRYPTOPTERUS MACROCEPHALUS 801986  
 SILURUS GLANIS 801986  
 SISORIDAE  
 EUCHIOGLANUS DAVIDI 801986  
 TRICHOMYCTERIDAE  
 PYGIDIUM PUNCTULATUS 801986  
 HIODONTIDAE  
 HIODON ALOSOIDES 801986  
 HIODON TERGISUS 801986  
 MORMYRIDAE  
 GNATHONEMUS MOORI 801986  
 ISICHTHYS HENRYI 801986  
 PETROCEPHALUS CATOSTOMUS 801986  
 NOTOPTERIDAE  
 NOTOPTERUS NOTOPTERUS 801986  
 OSTEOGLOSSIDAE  
 OSTEOGLOSSUM BICIRRHOSUM 801986  
 SCLEROPAGES FORMOSUS 801986  
 PANTODONTIDAE  
 PANTODON BUCHHOLZI 801986  
 BATRACHOIDIFORMES  
 PORICHTHYS NOTATUS 801986  
 BREGMACEROTIDAE  
 AUCHENOCEROS PUNCTATUS 801986  
 GADIDAE  
 LOTA LOTA 801986

MACROURIDAE  
 MACROURUS BAIRDII 801986  
 MERLUCCIIDAE  
 MERLUCCIVUS PRODUCTUS 801986  
 MORIDAE  
 ANTIMORA ROSTRATA 801986  
 OPHIDIIDAE 801986  
 GOBIESOCIFORMES  
 GOBIOX MAEANANDRICUS 801986  
 ANTENNARIIDAE  
 ANTENNARIUS DROMBUS 801986  
 LINOPHYRIDAE  
 LINOPHYRNE CORONATA 801986  
 LOPHIIDAE  
 CHIROLOPHIUS FORBESII 801986  
 LOPHIUS PISCATORIUS 801986  
 OGCOCEPHALIDAE  
 ZALIEUTES ELATER 801986  
 AMBLYOPSIDAE  
 TYPHLICHTHYS SUBTERRANEUS 801986  
 APHREDODERIDAE  
 APHREDODERUS SAYANUS 801986  
 PERCOPSIDAE  
 PERCOPSIS OMISCOMAYCUS 801986  
 ATELEPODIDAE  
 ATELEOPUS NATALENSIS 801986  
 BARBOURISIDAE  
 BARBOURISIA RUFA 801986  
 RONDELETIIDAE  
 RONDELETIA LORICATA 801986  
 CHANIDAE  
 CHANOS CHANOS 801986  
 GONORYNCHIDAE  
 GONORYNCHUS GONORYNCHUS 801986  
 KNERIIDAE  
 KNERIA 801986  
 PHRACTOLAEMIDAE  
 PHRACTOLAEMUS ANSORGEI 801986  
 ALEPOCEPHALOIDEI  
 BATHYCTOCES ROSTRATUS 801986  
 TALISMANIA BIFURCATA 801986  
 ARGENTINIDAE  
 ARGENTINA SILUS 801986  
 BATHYLAGIDAE  
 BATHYLAGUS MILLERI 801986  
 ESOCIDAE  
 ESOX MASQUINONGY 801986  
 UMBRIDAE  
 DALLIA PECTORALIS 801986  
 UMBRA LIMI 801986  
 GALAXIIDAE  
 GALAXIAS ATTENUATUS 801986  
 GALAXIAS MACULATUS 801986  
 NEOCHANNIA APODA 801986  
 RETROPINNIDAE  
 RETROPINNA OSMEROIDES 801986  
 ALEPISAUROIDAE  
 ALEPISAUROUS AESCULAPIUS 801986  
 ANOTOPTERIDAE  
 ANOTOPTERUS PHARAO 801986  
 CHLOROPHTHALMIDAE  
 CHLOROPHTHALMUS NIGRIPINNIS 801986  
 HARPADONTIDAE  
 HARPADON NEHEREUS 801986  
 MYCTOPHIDAE  
 NEOSCOPELIDAE  
 SCOPELENGYS TRISTIS 801986  
 PARALEPIDIDAE  
 LESTIDIUM RINGENS 801986  
 PARALEPIS COREGONOIDES 801986  
 SCOPELARCHIDAE  
 NEOSCOPELARCHOIDES DENDATUS 801986  
 SYNODONTIDAE  
 SYNODUS SCITULICEPS 801986  
 OSMERIDAE  
 OSMERUS EPERLANUS 801986  
 SALMONIDAE  
 ONCORHYNCHUS NERKA 801986  
 SALMO CLARKII 801986  
 SALVELINUS NAMAYCUSH 801986  
 CHAULIODONTIDAE  
 CHAULIODUS MACOUNI 801986  
 GONOSTOMATIDAE  
 VINCIGUERRIA LUCETIA 801986  
 MALACOSTEIDAE  
 ARISTOSTOMIAS SCINTILLANS 801986  
 MELANOSTOMIATIDAE  
 BATHOPHILUS FLEMINGI 801986  
 TACTOSTOMA MACROPUS 801986  
 STERNOPTERYCHIDAE  
 ARGYROPELECUS 801986  
 ANATOMY  
 FUNCTION  
 ACANTHODOMORPHA  
 ACANTHODES BRONNI 803395  
 DEVELOPMENT  
 DESCRIPTIVE EVOLUTION 802813

SKELETAL SYSTEM  
 (CONTINUED)

# BRANCHIOSTEGALS

ACIPENSEROMORPHA  
 ACIPENSER FULVESCENS 801986  
 POLYODON SPATHULA 801986  
 AMIOMORPHA  
 AMIA CALVA 801986

SKELETAL SYSTEM (CONTINUED)	SEMIONOTOMORPHA		TRICANTHUS OXYCEPHALUS	801986
	LEPISTOSTEUS OSSEUS	801986	ZEIDAE	
	ANOPLOGASTERIDAE		CAPROMIMUS ABBREVIATUS	801986
	ANOPLOGASTER CORNUTA	801986	CYTUS NOVAEZEELANDIAE	801986
	HOLOCENTRIDAE		ZEUS FABER	801986
	HOLOCENTRUS DIADEMA	801986	ATHERINIDAE	
	HOLOCENTRUS SUBORBITALIS	801986	MENIDIA MENIDIA	801986
	MELAMPHAEIDAE		PHALLOSTETHIDAE	
	MELAMPHAES LUGUBRIS	801986	NEOSTETHUS SIAMENSIS	801986
	MONOCENTRIDAE		ANABLEPIDAE	
	MONOCENTRIS JAPONICUS	801986	ANABLEPS DOVII	801986
	TRACHICHTHYIDAE		CYPRINODONTIDAE	
	HOPLOSTETHUS INTERMEDIUS	801986	FUNDULUS DIAPHANUS	801986
	CHANNIFORMES		GOODEIDAE	
	CHANNA GACHUA	801986	XENOTOCA VARIATA	801986
	CHANNA STRIATA	801986	JENYNSIIDAE	
	DACTYLOPTERIFORMES	801986	JENYNSIA LINEATA	801986
	AULORHYNCHIDAE		ORYZIATIDAE	
	AULORHYNCHUS FLAVIDUM	801986	ORYZIAS LATIPES	801986
	AULOSTOMIDAE		POECILIIDAE	
	AULOSTOMUS CHINENSIS	801986	POECILIA VIRIOSA	801986
	CENTRISCIDAE		TOMEURUS GRACILIS	801986
	CENTRISCUS SCUTATUS	801986	BELONIDAE	
	FISTULARIIDAE		BELONE HOULTUYNII	801986
	FISTULARIA	801986	EXOCOETIDAE	801986
	FISTULARIA PETIMBA	801986	SCOMBERESOCIDAE	
	GASTEROSTEIDAE		COLLABIS SAIRA	801986
	CULAEA INCONSTANS	801986	CHIROCENTRIDAE	
	GASTEROSTEUS ACULEATUS	801986	CHIROCENTRUS DORAB	801986
	PUNGITIUS PUNGITIUS	801986	CHIROCENTRUS HYPSELOMA	801986
	MACROHAMPHOSIDAE		CLUPEIDAE	
	CENTRISCOPS LILLIEI	801986	DENTICIPITIDAE	
	SYNGNATHIDAE		DENTICEPS CLUPEOIDES	801986
	HIPPOCAMPUS HILONIS	801986	ENGRAULIDAE	
	SYNGNATHUS FUSCUS	801986	ANCHOA HEPSETUS	801986
	SYNGNATHUS GRISOLINEATA	801986	ANGUILLIDAE	
	TRACHIPTERIDAE		ANGUILLA ROSTRATA	801986
	TRACHIPTERUS ALTIVELIS	801986	CONGRIDAE	
	PEGASIFORMES		ARIOSOMA PRORIGERA	801986
	PEGASUS VOLITANS	801986	GORGASIA PUNCTATA	801986
	AMMODYTOIDEI	801986	TAENIOCONGER	801986
	ANABANTIDAE		MORINGUIDAE	
	ANABAS TESTUDINEUS	801986	MORINGUA MACROCHIR	801986
	BELONTIIDAE		MURAENESOCIDAE	
	TRICHOGASTER TRICHOPTERUS	801986	MURAENESOX CONICEPS	801986
	BLENNIOIDEI	801986	MURAENIDAE	
	PTILICHTHYIDAE		GYMNOTHORAX DOVII	801986
	PTILICHTHYS	801986	MURAENA LENTIGINOSA	801986
	CALLIONYMOIDEI	801986	NEMICHTHYIDAE	
	GOBIODEI	801986	NEMICHTHYS SCOLOPACEUS	801986
	ICOSTEOIDEI		NETTASTOMATIDAE	
	ICOSTEUS AENIGMATICUS	801986	NETTASTOMA	801986
	JABROIDEI	801986	SERRIVOMERIDAE	
	LUCIOCEPHALOIDEI		SERRIVOMER SECTOR	801986
	LUCIOCEPHALUS PULCHER	801986	SYNAPHOBANCHIDAE	
	CHAUDHURIIDAE		ILYOPHIS BRUNNEUS	801986
	CHAUDHURIA CAUDATA	801986	XENOCONGRIDAE	
	MASTACEMBELIDAE		MURAENICHTHYS COOKEI	801986
	MACROGNATHUS ACULEATUS	801986	ALBULIDAE	
	MACROGNATHUS ARMATUS	801986	ALBULA VULPES	801986
	MACROGNATHUS MELLANDI	801986	ELOPIDAE	
	MASTACEMBELUS PANCELAS	801986	ELOPS SAURUS	801986
	MUGILOIDEI	801986	MEGALOPIDAE	
	NOTOTHEMNOIDEI	801986	MEGALOPS ATLANTICA	801986
	ECHENEIDAE		HALOSAURIDAE	
	ECHENEIS NAUFRATES	801986	ALDROVANDIA AFFINIS	801986
	REMIGLIA AUSTRALIS	801986	ALDROVANDIA MACROCHIR	801986
	REMORA REMORA	801986	HALOSAURUS OWENI	801986
	REMOROPSIS BRACHYPTERA	801986	NOTACANTHIDAE	
	RHOMBOCHIRUS OSTEOCHIR	801986	NOTACANTHUS PHASGANORUS	801986
	SCAENIDAE		ANOSTOMIDAE	
	ELATTARCHUS ARCHIDIUM	801986	ANOSTOMUS ANOSTOMUS	801986
	POLYNEMOIDEI	801986	CHARACIDAE	
	SCHINDLERIIDAE		ANOPTICHTHYS	801986
	SCHINDLERIA PRAEMATURA	801986	ASTYANAX FASCIATUS	801986
	SCOMBROIDAE	801986	CATOSTOMIDAE	
	STROMATEGIDAE	801986	CATOSTOMUS COMMERSOHNII	801986
	TRACHINOIDEI	801986	COBITIDAE	
	BOTHIDAE		COBITIS TAENIA	801986
	PARALICHTHYS LETHOSTOMIA	801986	CYPRINIDAE	801986
	CYNOGLOSSIDAE		GYRINOCEPHALIDAE	
	CYNOGLOSSUS ROBUSTUS	801986	GYRINOCEPHALUS AYMORIERI	801986
	PLEURONECTIDAE	801986	HOMALOPTERIDAE	
	SCOPHthalmidae		HOMALOPTERA ZOLLINGERI	801986
	SCOPHTHALMUS AQUOSUS	801986	ELECTROPHORIDAE	
	SOLEIDAE		ELECTROPHORUS ELECTRICUS	801986
	ACHIRUS MAZATLANUS	801986	GYMNOTIDAE	
	COTTOIDEI	801986	GYMNOTUS CARAPO	801986
	ALABETIDAE		RHAMPHICHTHYIDAE	
	ALABES RUFUS	801986	STEATOGENYS ELEGANS	801986
	SYNBRANCHIDAE		AMPHILIIDAE	
	MONOPTERUS ALBUS	801986	AMPHILIUS GRANDIS	801986
	MONOPTERUS FLUTA	801986	AMPHILIUS PLATYCHIR	801986
	SYNBRANCHUS MARMORATUS	801986	ARIIDAE	
	BALISTIDAE		CATHOROPS GULOSA	801986
	BALISTES VERRES	801986	GALEICHTHYS FELIS	801986
	MONACANTHUS HISPIDUS	801986	BAGRIDAE	
	DODONTIDAE		LOBAGRUS MARGINATUS	801986
	CHLOMYCTERUS ATINGA	801986	MYSTUS BLEEKERI	801986
	MOLDAE		CALICHTHYIDAE	
	MOLA MOLA	801986	CORYDORAS AENEUS	801986
	OSTRACIANTIDAE		HOPLOSTERNUM LITTORALE	801986
	LACTOPHRYS TRICORNIS	801986	CHACIDAE	
	LACTOPHRYS TRIQUETER	801986	CHACA CHACA	801986
	TETRAODONTIDAE		CLARIIDAE	
	CANTHIGASTER PUNCTATUS MA	801986	CLARIAS MACROCEPHALUS	801986
	TRICANTHIDAE		HETEROPNEUSTIDAE	

HETEROPNEUSTES FOSSILIS	801986	ANOTOPTERUS PHARAO	801986	SKELETAL SYSTEM (CONTINUED)
HYPOPHTHALMIDAE		AULOPIDAE		
HYPOPHTHALMUS EDENTATUS	801986	AULOPUS	801986	
ICTALURIDAE		AULOPUS JAPONICUS	801986	
ICTALURUS NEBULOSUS	801986	CHLOROPHTHALMIDAE		
ICTALURUS PUNCTATUS	801986	CHLOROPHTHALMUS NIGRIPINNIS	801986	
NOTURUS GYRINUS	801986	HARPADONTIDAE		
MALAPTERURIDAE		HARPADON NEHEREUS	801986	
MALAPTERURUS ELECTRICUS	801986	IPNOPIIDAE		
MOCHOKIDAE		IPNOPS MURRAYI	801986	
MOCHOKUS NILOTICUS	801986	MYCTOPHIDAE	801986	
SYNDONTIS WOOSNAMI	801986	NEOSCOPELIDAE		
PIMELODIDAE		SCOPELENGYS TRISTIS	801986	
RHAMDIA GUATEMALENSIS	801986	PARALEPIDIDAE		
PLOTOSIDAE		LESTIDIUM RINGENS	801986	
PLOTOSUS ANGUILLARIS	801986	PARALEPIS COREGONOIDES	801986	
SILURIDAE		SCOPELARCHIDAE		
KRYPTOPTERUS MACROCEPHALUS	801986	NEOSCOPELARCHOIDES DENDATUS	801986	
SILURUS GLANIS	801986	SCOPELOSOURIDAE		
SISORIDAE		SCOPELOSOURUS HARRYI	801986	
EUCHILOGLANUS DAVIDI	801986	SYNDONTIDAE		
TRICHOMYCTERIDAE		SYNDONUS SCITULICEPS	801986	
PYGIDIUM PUNCTULATUS	801986	OSMERIDAE		
HIODONTIDAE		OSMERUS EPERLANUS	801986	
HIODON ALOSIDES	801986	SALMONIDAE		
HIODON TERGISUS	801986	ONCORHYNCHUS NERKA	801986	
MORMYRIDAE		SALMO CLARKII	801986	
GNATHONEMUS MOORI	801986	SALVELINUS NAMAYCUSH	801986	
ISICHTHYS HENRYI	801986	CHAULIODONTIDAE		
PETROCEPHALUS CATOSTOMUS	801986	CHAULIODON MACOUNI	801986	
NOTOPTERIDAE		GONOSTOMATIDAE		
NOTOPTERUS NOTOPTERUS	801986	VINCIGUERRIA LUCETIA	801986	
OSTEOGLOSSIDAE		MALACOSTEIDAE		
OSTEOGLOSSUM BICIRRHOSUM	801986	ARISTOSTOMIAS SCINTILLANS	801986	
SCLEROPAGES FORMOSUS	801986	MELANOSTOMIATIDAE		
PANTODONTIDAE		BATHOPHILUS FLEMINGI	801986	
PANTODON BUCHHOLZI	801986	TACTOSTOMA MACROPUS	801986	
BATRACHOIDIFORMES		STERNOPTYCHIDAE		
PORICHTHYS NOTATUS	801986	ARGYROPELECUS	801986	
BREGMACEROTIDAE		ANATOMY		
AUCHENOCEROS PUNCTATUS	801986	DEVELOPMENT		
CARAPIDAE		OSTEOLEPIDOMORPHA		
ENCHELIOPHIS GRACILIS	801986	EUSTHENOPTERON FOORDI	803411	
GADIDAE		POLYPTEROMORPHA		
LOTA LOTA	801986	POLYPTERUS LAPRAEDI	803411	
MACROURIDAE		AMOMORPHA		
MACROURUS BAIRDII	801986	AMIA CALVA	803411	
MERLUCCIIDAE				
MERLUCCIIUS PRODUCTUS	801986			
MORIDAE				
ANTIMORA ROSTRATA	801986			
OPHIDIIDAE	801986			
GOBIESOCIFORMES				
GOBIESOX MACANANDRICUS	801986	OPERCULUM		
ANTENNARIIDAE		ACIPENSEROMORPHA		
ANTENNARIUS DROMBUS	801986	ACIPENSER FULVESCENS	801986	
LINOPHRYNIDAE		POLYODON SPATHULA	801986	
LINOPHRYNE CORONATA	801986	POLYPTEROMORPHA	801986	
LOPHIIDAE		AMOMORPHA		
CHIROLOPHIUS FORBESII	801986	AMIA CALVA	801986	
LOPHIUS PISCATORIUS	801986	SEMIONOTOMORPHA		
OGCOCEPHALIDAE		LEPISOSTEUS OSSEUS	801986	
OGCOCEPHALUS DARWINI	801986	DACTYLOPTERIFORMES	801986	
ZALIEUTES ELATER	801986	AMMODYTOIDEI	801986	
AMBLYOPSIDAE		BLENNIOIDEI	801986	
CHOLOGASTER AGASSIZI	801986	CALLIONYMOIDEI	801986	
TYPHLICHTHYS SUBTERRANEUS	801986	GOBIOIDEI	801986	
APHREDODERIDAE		TRYPAUCHENIDAE	801986	
APHREDODERUS SAYANUS	801986	LABROIDEI	801986	
PERCOPSIDAE		MUGILOIDEI	801986	
PERCOPSIS OMISCOMAYCUS	801986	NOTOTHENIOIDEI	801986	
ATELEOPODIDAE		POLYNEMOIDEI	801986	
ATELEOPUS NATALENSIS	801986	SCHINDLERIOIDEI		
IJIMAIA ANTILLARUM	801986	SCHINDLERIA PRAEMATURA	801986	
BARBOURISIIDAE		SCOMBROIDEI	801986	
BARBOURISIA RUFA	801986	TRICHIURIDAE	801986	
RONDELETIIDAE		STROMATEOIDEI	801986	
RONDELETIA LORICATA	801986	TRACHINOIDEI	801986	
CHANIDAE		COTTOIDEI	801986	
CHANOS CHANOS	801986	COTTIDAE		
GONORYNCHIDAE		COTTUS BAIRDII	802213	
GONORYNCHUS GONORYNCHUS	801986	COTTUS BELDINGII	802213	
KNERIIDAE		COTTUS ECHINATUS	802213	
KNERIA	801986	COTTUS EXTENSUS	802213	
PHRACTOLAEMIDAE		ELOPIDAE		
PHRACTOLAEMUS ANSORGEI	801986	ELOPS SAURUS	803412	
ALEPOCEPHALOIDEI		HIODONTIDAE		
BATHYTROCTES ROSTRATUS	801986	HIODON ALOSIDES	801986	
TALISMANIA BIFURCATA	801986	HIODON TERGISUS	801986	
ARGENTINIIDAE		MORMYRIDAE		
ARGENTINA SILUS	801986	GNATHONEMUS MOORI	801986	
BATHYLAGIDAE		ISICHTHYS HENRYI	801986	
BATHYLAGUS MILLERI	801986	PETROCEPHALUS CATOSTOMUS	801986	
ESOCIDAE		NOTOPTERIDAE		
ESOX MASQUINONGY	801986	NOTOPTERUS NOTOPTERUS	801986	
UMBRIDAE		OSTEOGLOSSIDAE		
DALLIA PECTORALIS	801986	OSTEOGLOSSUM BICIRRHOSUM	801986	
UMBRA LIMI	801986	SCLEROPAGES FORMOSUS	801986	
GALAXIIDAE		PANTODONTIDAE		
GALAXIAS ATTENUATUS	801986	PANTODON BUCHHOLZI	801986	
GALAXIAS MACULATUS	801986	ANATOMY		
NEOCHANNIA APODA	801986	BLENNIIDAE	802433	
RETROPINNIDAE		ABNORMALITY		
RETROPINNA OSMEROIDES	801986	CYPRINIDAE		
ALEPISAUROIDAE		RHODEUS OCELLATUS X		
ALEPISAUROIDES AESCULAPIUS	801986	PARACHEILOGNATHUS ROMBEUS X	800666	
ANOTOPTERIDAE				

SKELETAL SYSTEM  
(CONTINUED)

GILL ARCHES

ANATOMY

ACANTHODOMORPHA	
ACANTHODES BRONNI	803396
HOLOCOPHALI	803396
ELASMOBRANCHII	803396
DIPNOI	
NEOCERATODUS FORSTERI	803396
OSTEOLEPIDOMORPHA	
EUSTHENOPTERON FOORDI	803396
COELACANTHINI	
LATIMERIA CHALUMNAE	803396
ACIPENSEROMORPHA	
ACIPENSER STURIO	803396
PHOLIDOPLEURIFORMES	
AUSTRALOSOMUS KOCHI	803396
AMOMORPHA	
PACHYCORDUS MACROPTERUS	803396
SEMIONOTOMORPHA	
LEPISOSTEUS OSSEUS	803396
SERRANIDAE	
EPINEPHELUS HEXAGONATUS	803396
ELOPIDAE	
ELOPS HAWAIIENSIS	800772
	803396
	800772
OSTEOGLOSSOMORPHA	
GYMNARCHIDAE	
GYMNARCHUS NILOTICUS	800772
HIODONTIDAE	
HIODON ALOSOIDES	800772
HIODON TERGISUS	800772
MORMYRIDAE	800772
NOTOPTERIDAE	
NOTOPTERUS KAPIRAT	800772
PAPYROCRANUS AFER	800772
XENOMYSTUS NIGRI	800772
OSTEOGLOSSIDAE	
ARAPAIMA GIGAS	800772
HETEROTIS NILOTICUS	800772
OSTEOGLOSSUM BICIRRHOSUM	800772
SCLEROPAGES FORMOSUS	800772
PANTODONTIDAE	
PANTODON BUCHHOLZI	800772
ALEPOCEPHALOIDEI	
ALEPOCEPHALUS MACROPTERUS	803396
AULOPODIDAE	
HIME JAPONICA	803396
DESCRIPTIVE EVOLUTION	
CEPHALASPIDOMORPHA	803389
MYXINOMORPHA	803389
PETROMYZONTOMORPHA	803389
PTERASPIDOMORPHA	803389
DESCRIPTIVE EVOLUTION	
OSTEOGLOSSOMORPHA	800772
MORMYRIDAE	800772

JAWS

RHIPIDISTIA	803404
OSTEOLEPIDOMORPHA	
GYROTYCHUS	803404
CLUPEIDAE	
PLATANICHTHYS PLATANA	801276
RAMNOGASTER	801276
RHINOSARDINIA	801276
ALLOMETRY	
CLUPEIDAE	
CLUPEA HARENGUS	803198
CYPRINIDAE	
ASPIUS ASPIUS	803198
CHONDROSTOMA NASUS	803198
CYPRINUS CARPIO	803198
HYPOPHthalmichthys MOLITRIX	803198
GADIDAE	
BOREOGADUS SAIDA	803198
MELANOGRAMMUS AEGLEFINUS	803198
ODONTOGADUS MERLANGUS	803198
SALMONIDAE	
ONCORHYNCHUS TSHAWYTSCHA	802755
ANATOMY	
HELODONTOMORPHA	
HELODUS	803399
COCHLIODONTOMORPHA	
COCHLIODUS CONTORTUS	803399
STREBLIUS OBLONGUS	803399
ISTIOPHORIDAE	800310
SCOMBRIDAE	800310
XIPHIIDAE	
XIPHIAS GLADIUS	800310
PROTACANTHOPTERYGII	
ENCHODUS FAJASI	800602
FUNCTION	
ACANTHODOMORPHA	
ACANTHODES BRONNI	803395
POMACENTRIDAE	
MICROSPATHODON CHRYSURUS	801052
DESCRIPTIVE EVOLUTION	
RAJOMORPHA	802812
SCYLIORHINIDAE	
SCYLIORHINUS	802812
HEXANCHIFORMES	
HEPTANCHUS	802812
DIPNOI	802812
COELACANTHINI	802812
ACIPENSEROMORPHA	

ACIPENSER STELLATUS	802812
PALEONISCIFORMES	
BIRGERIA	802812
AMOMORPHA	
SINAMIA	802812
SEMIONOTOMORPHA	
LEPISOSTEUS	802812
TELEOSTEI	802812
STYLEPHORIDAE	
STYLEPHORUS CHORDATUS	802812
BALISTIDAE	802812
DORADIDAE	
RHYCHODORAS XINGUI	802812
ABNORMALITY	
CYPRINODONTIDAE	
RIVULUS CYLINDRACEUS	800031
SALMONIDAE	
SALMO GAIRDNERII	802047
FUNCTION	
CICHLIDAE	
PTEROPHYLLUM	801657
CYPRINIDAE	
BALANTIOCHEILUS MELANOPTERUS	801716
DEVELOPMENT	
DESCRIPTIVE EVOLUTION	802813
DESCRIPTIVE EVOLUTION	
ISTIOPHORIDAE	800310

GULAR PLATE

ALBULIDAE	
ALBULA NEMOPTERA	801822
ANATOMY	
DEVELOPMENT	
DESCRIPTIVE EVOLUTION	
POLYPTEROMORPHA	
POLYPTERUS LAPRAEDI	803411
AMOMORPHA	
AMIA CALVA	803411
ELOPIDAE	
ELOPS SAURUS	803411

SKULL

DIPNOI	802325
GNATHORHIZA SERRATA	801792
URANOLOPHUS WYOMINGENSIS	803402
RHIPIDISTIA	802622
AMOMORPHA	
UROCLAS	801659
BLENNIOIDEI	803019
NOTOGRAPTIDAE	
NOTOGRAPTUS GUTTATUS	803019
MASTACEMBELIDAE	
MASTACEMBELUS LIBERIENSIS	803019
NOTOTHENIIDAE	
HARPAGIFER BISPINIS	803019
GADOPSIDAE	
GADOPSIS MARMORATUS	803019
GEMPYLIDAE	
SCOMBRILABRAX HETEROLEPIS	803019
ISTIOPHORIDAE	803380
XIPHIIDAE	
XIPHIAS GLADIUS	803380
BATHYMASTERIDAE	
BATHYMASTER SIGNATUS	803019
CHEIMARRHICHTHYIDAE	
CHEIMARRHICHTHYS FOSTERI	803019
MUGILOIDAE	
BEMBROS	803019
PROLATUS JUGULARIS	803019
PERCOPHIDAE	
HEMEROCEITES	803019
TRACHINIDAE	
TRACHINUS DRACO	803019
ALABETIDAE	
ALABES	803019
TRIACANTHIDAE	
PSEUDOTRIACANTHUS STRIGILIFER	801918
TRIACANTHODIDAE	
PARAHOLLARDIA LINEATA	801918
TRIACANTHODES ANOMALUS	801918
TYDEMANIA NAVIGATORIS	801918
CONGRIDAE	
BATHYMYRUS SMITHI	803308
MURAENOSCIDAE	
HOPLUNNIS PACIFICA	801763
CYPRINIDAE	
ABRAMIS BRAMA	803126
BLICCA BJOERKNA	803126
RUTILUS RUTILUS	803126
RUTILUS RUTILUS X	
ABRAMIS BRAMA X	803126
SCARDINIUS ERYTHROPHthalmus	803126
SCARDINIUS ERYTHROPHthalmus X	
BLICCA BJOERKNA X	803126
VARHOSTICHTHYS BREVIS	803299
ZOARCIDAE	803019
ANATOMY	
CHONDRENCHYLOMORPHA	
CHONDRENCHYLS	803398
HELODONTOMORPHA	
HELODUS	803398



COCHLIODONTOMORPHA		URANOLOPHUS WYOMINGENSIS	803072	SKELETAL SYSTEM (CONTINUED)
DELTOPTYCHIUS	803399			
MENASPIS ARMATA	803399			
EDESTOMORPHA	803398			
RAJIDAE	802193			MUSCULAR SYSTEM
BADIDAE		MYODOME		
BADIS BADIS	803012	ANATOMY		
BLENNIIDAE	802433	CYPRINIDAE		
CENTROPOMIDAE		ABRAMIS BRAMA	800422	
CENTROPOMUS	802189	ASPIUS ASPIUS	800203	
NANDIDAE		BARBUS BARBUS	801191	
PRISTOLEPIS	803012	CYPRINUS CARPIO	800203	
PEMPHERIDAE		TINCA TINCA	801191	
PARAPRIACANTHUS	802959	FUNCTION		
PEMPHERIS	802959	PERCIDAE		
SCIAENIDAE		PERCA FLUVIATILIS	801898	
SCIAENOPS OCELLATA	801790	STIZOSTEDION LUCIOPERCA	801898	
BOTHIDAE		CLUPEIDAE		
PARALICHTHYS	802983	CLUPEA HARENGUS	801898	
COTTIDAE		LOPHIIDAE		
ARTEDIELLUS	800021	LOPHIUS PISCATORIUS	801898	
MYOXOCEPHALUS	800021	OSMERIDAE		
DENTICIPITIDAE		OSMERUS EPERLANUS	801898	
DENTICEPS CLUPEOIDES	800616			
PALAEODENTICEPS TANGANIKAE	800616			
SYNAPHOBANCHIDAE	801352			
BAGRIDAE		BONE		
BAGROIDES MELAPTERUS	802896	MINERAL CONTENT		
SISORIDAE		COELACANTHINI		
PSEUDECHENEIS SULCATUS	802513	LATIMERIA CHALUMNAE	801227	
MORMYRIDAE		FUNCTION		
CAMPYLOMORMYRUS	801507	CHONDROSTEI	800560	
PROTACANTHOPTERYGII		TELEOSTEI	800560	
ENCHODUS FAUJASI	800602	DEVELOPMENT		
SALMONIDAE		SCOMBRIDAE		
BRACHMYSTAX LENOK	802480	ACANTHOCYBIUM SOLANDRI	801825	
HUCHO PERRYI	802480	CLUPEIDAE		
HUCHO TAIMEN	802480	DOROSOMA PETENENSE	800784	
HUCHO HUCHO	802480	CYPRINIDAE		
PASSIVE ELECTRICAL PROPERTIES		HYBOPSIS	800783	
RAJIDAE		DESCRIPTIVE EVOLUTION		
RAJA CLAVATA	801165	COELACANTHINI		
RAJA MARGINATA	801165	LATIMERIA CHALUMNAE	803020	
ACIPENSEROMORPHA			803210	
ACIPENSER STURIO	801165		803394	
IDENTIFICATION			803407	
MORPHOMETRICS		DESCRIPTIVE EVOLUTION		
CYPRINIDAE		CHONDROSTEI	800560	
CARASSIUS AURATUS	802814	TELEOSTEI	800560	
CARASSIUS CARASSIUS	802814	FUNCTION	803408	
DEVELOPMENT		CARBONATE		
GALAXIIDAE		BIOCHEMISTRY		
GALAXIAS VULGARIS	801960	CYPRINIDAE		
DESCRIPTIVE EVOLUTION		CYPRINUS CARPIO	801468	
ELASMOBRANCHII	803403	SALMONIDAE		
DIPNOI	803400	SALMO GAIRDNERII	801468	
	803403			
RHIPIDISTIA	803400			
CHONDROSTEI	803400			
	803403			
PALEONISCIFORMES	803400			
HOLOSTEI	803403	ACELLULAR BONE		
TELEOSTEI	803403	FUNCTION		
DESCRIPTIVE EVOLUTION		TELEOSTEI	800560	
DIPNOI	802593			
CHIRODIPTERUS WILDUNGENSIS	802593			
DIPTERUS VALENCIENNESI	802593			
NEOCERATODUS FORSTERI	802593			
RHIPIDISTIA	803404	CARTILAGE		
OSTEOLEPIDOMORPHA		DEVELOPMENT		
MEGALICHTHYS	803404	BIOCHEMISTRY		
BERYCIFORMES		SQUALIDAE		
AIPICHTHYS MINOR	801386	SQUALUS ACANTHIAS	800563	
AIPICHTHYS VELIFER	801386	DESCRIPTIVE EVOLUTION	803210	
SPHENOCOPHALUS FISSICAUDUS	801386	DESCRIPTIVE EVOLUTION	803407	
CARANGIDAE	801386			
SERRANIDAE	801386			
IDENTIFICATION		MUSCLES		
CYPRINIDAE	800638	ULTRASTRUCTURE		
ABNORMALITY		IRIS AND PUPIL		
CLUPEIDAE		FUNCTION		
ALOSA SAPIDISSIMA	802700	ANGUILLIDAE		
ANDROGENS		ANGUILLA ROSTRATA	801348	
CICHLIDAE				
TILAPIA MOSSAMBICA	802692			
DEVELOPMENT				
ANATOMY				
CLUPEIDAE				
DOROSOMA PETENENSE	800784			
GALAXIIDAE				
GALAXIAS MACULATUS	801269	AXIAL SKELETAL MUSCLES		
DESCRIPTIVE EVOLUTION		MINERAL CONTENT		
AGNATHA	803394	COELACANTHINI		
SQUALIDAE		LATIMERIA CHALUMNAE	801227	
SQUALUS ACANTHIAS	803406	DNA CONTENT AND FUNCTION		
POLYPTEROMORPHA		RNA CONTENT AND FUNCTION		
POLYPTERUS	803410	CARANGIDAE		
AMOMORPHA		SERIOLA QUINQUERADIATA	802889	
AMIA CALVA	803406	SCORPAENIDAE		
	803410	SEBASTES VULPES	802889	
		CYPRINIDAE		
		CYPRINUS CARPIO	802889	
		SALMONIDAE	802889	
		OXIDATIVE METABOLISM		
		TEMPERATURE		
		ANGUILLIDAE		
		ANGUILLA ANGUILLA	802687	
		CYPRINIDAE		
DESCRIPTIVE EVOLUTION				
XENACANTHOMORPHA	802621			
DEVELOPMENT				
DIPNOI	803072			

MUSCULAR SYSTEM (CONTINUED)	IDUS IDUS	802687	COTTIDAE	
ANATOMY	SCOMBRIDAE	801216	COTTUS POECILOPUS X	
FUNCTION	ISTIOPHORIDAE	801216	COTTUS GOBIO X	802594
XIPHIIDAE			SCORPAENIDAE	
XIPHIAS GLADIUS		801216	SCORPAENODES	802582
DESCRIPTIVE EVOLUTION			SCORPAENA GUTTATA	802582
PETROMYZONTOMORPHA		803063	SEBASTODES	802582
ELASMOBRANCHII		803063	SEBASTOLOBUS ALASCANUS	802582
CHONDROSTEI		803063	SEBASTOLOBUS ALTIVELIS	802582
TELEOSTEI		803063	SEBASTES MARINUS	802582
HISTOLOGY			SEBASTES MENNELLA	802582
LIPID AND FATTY ACID CONTENT			COMPARATIVE ENZYMOLOGY	
BIOCHEMISTRY			SCOMBRIDAE	
SCYLIORHINIDAE			SCOMBER SCOMBRUS	802377
CHILIOSCYLLIUM INDICUM	801651		SCORPAENIDAE	
CHANNIFORMES			SEBASTES MARINUS	802400
OPHICEPHALUS PUNCTATUS	801651		LDH ISOENZYMES	
MUGILOIDEI			DIPNOI	
MUGIL DUSSUMIERI	801651		LEPIDOSIREN PARADOXA	802258
CARANGIDAE			NOTOTHENIIDAE	
CARANX HIPPOS	801651		TREMATOMUS BORCHGREVINKI	802258
SCATOPHAGIDAE			SCOMBRIDAE	
SCATOPHAGUS ARGUS	801651		THUNNUS THYNNUS	802258
THERAPONIDAE			SALMONIDAE	
THERAPON JARBUA	801651		SALVELINUS FONTINALIS	802258
POLYNEMOIDEI			SALVELINUS NAMAYCUSH	802258
POLYNEMUS TETRADACTYLUS	801651		OXIDATIVE METABOLISM	
CYNOGLOSSIDAE			PETROMYZONTOMORPHA	
CYNOGLOSSUS	801651		LAMPETRA FLUVIATILIS	801360
BELONIDAE			LAMPETRA PLANERI	801360
BELONE STRONGYLURUS	801651		DASYATIDAE	
EXOCEIIDAE			DASYATIS PASTINACA	801360
HEMIRAMPHUS CANTORI	801651		GOBIIDAE	801360
CHIROCENTRIDAE			CARANGIDAE	
CHIROCENTRUS DORAB	801651		TRACHURUS MEDITERRANEUS	801360
CLUPEIDAE			SCORPAENIDAE	
HILSA ILISHA	801651		SCORPAENA PORCUS	801360
CYPRINIDAE			POECILIIDAE	
BARBUS SARANA	801651		XIPHOPHORUS MACULATUS	801922
CIRRHINA MRIGALA	801651		CYPRINIDAE	
LABEO ROHITA	801651		CYPRINUS CARPIO	801360
HETEROPNEUSTIDAE			CHANGE WITH AGE	
HETEROPNEUSTES FOSSILIS	801651		BAGRIDAE	
ULTRASTRUCTURE			MYSTUS SEENGHALA	803277
POECILIIDAE			SILURIDAE	
POECILIA RETICULATA	800199		WALLAGONIA ATTU	803277
CYPRINIDAE			EXERCISE	
CARASSIUS CARASSIUS	800199		GADIDAE	
CYPRINUS CARPIO	800199		GADUS MORHUA	802309
DEVELOPMENT			SALMONIDAE	
CYPRINIDAE			SALMO TRUTTA	802676
BRACHYDANIO RERIO	801159		STARVATION	
BIOCHEMISTRY			GADIDAE	
RAJIDAE			LOTA LOTA	803501
RAJA CLAVATA	801086		INFRA-SPECIFIC VARIATION	
CARCHARINIDAE			GALAXIIDAE	
MUSTELUS MANAZO	800487		GALAXIAS BONGBONG	801827
SCYLIORHINIDAE			SEASONAL CHANGES	
SCYLIORHINUS CANICULUS	801086		CYPRINIDAE	
CARANGIDAE			CIRRHINA MRIGALA	801326
SERIOLA QUINQUERADIATA	800484		BAGRIDAE	
	800485		MYSTUS SEENGHALA	801327
	800253		STRESS REACTIONS	
TRACHURUS			GADIDAE	
CICHLIDAE			GADUS MORHUA	802314
TILAPIA MACROCHIR	800169		ABNORMALITY	
SPARIDAE			VITAMIN REQUIREMENTS	
PAGELLUS CENTRODONTUS	801086		CYPRINIDAE	
SCOMBRIDAE			CYPRINUS CARPIO	801856
THUNNUS ALBACARES	800486		FUNCTION	
PLEURONECTIDAE			TEMPERATURE	
EOPSETTA GRIGORJEWI	800487		CORYPHAENIDAE	
SCOPHTHALMIDAE			CORYPHAENA HIPPURUS	802554
SCOPHTHALMUS MAXIMUS	801086		ISTIOPHORIDAE	
POECILIIDAE			TETRAPTERUS AUDAX	802554
XIPHOPHORUS MACULATUS	800259		SCOMBRIDAE	
XIPHOPHORUS PYGMAEUS	800259		EUTHYNNUS LINEATUS	802554
XIPHOPHORUS MILLERI	800259		SCOMBEROMORUS SIERRA	802554
XIPHOPHORUS HELLERII	800259		SPHYRAENOIDEI	
XIPHOPHORUS MONTEZUMAE	800259		SPHYRAENA ENSIS	802554
EXOCEIIDAE			EXPERIMENTAL ANALYSIS	
CYOSISTHOPUS HIRAI	800487		BIOCHEMISTRY	
CYPRINIDAE			CARANGIDAE	
CYPRINUS CARPIO	800210		TRACHURUS MEDITERRANEUS	802025
LEUCISCUS RUTILUS	800881		DEVELOPMENT	
PLOTOSIDAE			TORPEDINIDAE	
CNIDOGLANIS MEGASTOMUS	801284		TORPEDO OCELLATA	800431
GADIDAE			SCYLIORHINIDAE	
GADUS MORHUA	800206		SCYLIORHINUS CANICULUS	800431
SALMONIDAE			ACIPENSEROMORPHA	
SALMO GAIRDNERII	800247		ACIPENSER GUeldenstaedti	800431
	802566		HUSO HUSO	800431
PROTEIN CONTENT			COBITIDAE	
LIPID AND FATTY ACID CONTENT			MISGURNUS FOSSILIS	800431
GADIDAE			SALMONIDAE	
GADUS MORHUA	802560		COREGONUS LAVARETUS	800431
INHERITANCE			SALMO SALAR	800431
CYPRINIDAE			DESCRIPTIVE EVOLUTION	
MYLOCHEILUS CAURINUM	802403		CYPRINIDAE	
RICHARDSONIUS BALTEATUS	802403		CYPRINUS CARPIO	800210
LIPID AND FATTY ACID CONTENT			CREATINE KINASE	
GADIDAE			BIOCHEMISTRY	
GADUS MORHUA	802562		CARCHARINIDAE	
SALMONIDAE			GALEORHINUS GALEUS	802610
SALMO GAIRDNERII	802466		SCYLIORHINIDAE	
PROTEIN SPECIFICITY			SCYLIORHINUS CANICULUS	802610
			ACIPENSEROMORPHA	

	ACIPENSER STURIO	802610	POLYPTEROMORPHA	MUSCULAR SYSTEM
	CENTRARCHIDAE		POLYPTEPUS LAPRAEDI	(CONTINUED)
	MICROPTERUS SALMOIDES	802610	AMIMOMORPHA	
	CICHLIDAE	802610	AMIA CALVA	803411
	COTTIDAE		ELOPIDAE	
	COTTUS SCORPIUS	802610	ELOPS SAURUS	803411
	TRIGLIDAE		ANATOMY	
	TRIGLA GURNARDUS	802610	AMPHIPHNOIDAE	
	ANGUILLIDAE		AMPHIPNOS CUCHIA	800688
	ANGUILLA ANGUILLA	802610	FUNCTION	
	CONGRIDAE		BAGRIDAE	
	CONGER CONGER	802610	RITA RITA	803022
	CYPRINIDAE	802610	SILURIDAE	
	GADIDAE		WALLAGONIA ATTU	803022
	GADUS MORHUA	802610	FUNCTION	
	GAIDROPSARUS TRICERRATUS	802610	AMPHIPHNOIDAE	
	ESOCIDAE		AMPHIPNOS CUCHIA	800688
	ESOX LUCIUS	802610		
	SALMONIDAE			
	SALMO TRUTTA	802610		
	POLYMORPHISM			
	CYPRINIDAE		GILL MUSCLES	
	CYPRINUS CARPIO	802611	GOBIIDAE	
ENOLASE			GOBIUS BATRACHOCEPHALUS	800474
BIOCHEMISTRY			GOBIUS CEPHALARGES	800474
SALMONIDAE			CENTRARCHIDAE	
ONCORHYNCHUS KISUTCH	800775		LEPOMIS GIBBOSUS	800474
GLYCOPEN			MULLIDAE	
BIOCHEMISTRY			MULLUS BARBATAS	800474
GADIDAE			PERCIDAE	
GADUS MORHUA	802464		ROMANICHTHYS VALSANICOLA	800474
STARCH			SCOMBRIDAE	
PLEURONECTIDAE			SARDA SARDA	800474
INOSETTA ISCHYRA	802465		SCOMBER SCOMBRUS	800474
PAROPHRYS VETULUS	802465		SCORPAENIDAE	
PLATICHTHYS STELLATUS	802465		SCORPAENA PORCUS	800474
HEXAGRAMMIDAE			CLUPEIDAE	
OPIIODON ELONGATUS	802465		ALOSA PONTICA	801089
SCORPAENIDAE			CLUPEONELLA CULTRIVENTRIS	801089
SEBASTODES MALIGER	802465		ENGRAULIDAE	
SEBASOLOBUS ALASCANUS	802465		ENGRAULIS ENCRASICOLUS	801089
GADIDAE			ESOCIDAE	
GADUS MACROCEPHALUS	802465		ESOX LUCIUS	801089
SALMONIDAE			SALMONIDAE	
ONCORHYNCHUS KISUTCH	802465		SALMO TRUTTA	801089
SALMO GAIRDNERII	802465		FUNCTION	
HISTIDINE			EXPERIMENTAL ANALYSIS	
BIOCHEMISTRY			ANATOMY	
SCOMBRIDAE			CALLIONYMOIDEI	
SCOMBER JAPONICUS	801844		CALLIONYMUS LYRA	802238
HISTOLOGY				
LIPID AND FATTY ACID CONTENT			JAW MUSCLES	
BIOCHEMISTRY			ANATOMY	
CHANNIFORMES			CLUPEIDAE	
CHANNA PUNCTATA	801651		CLUPEA HARENGUS	800616
MALIC ENZYME			DENTICIPITIDAE	
BIOCHEMISTRY			DENTICEPS CLUPEOIDES	800616
GADIDAE			FUNCTION	
MELANOGRAMMUS AEGLEFINUS	802468		POMACENTRIDAE	
MYOGENS			MICROSPATHODON CHRYSURUS	801052
BIOCHEMISTRY			BAGRIDAE	
CICHLIDAE			RITA RITA	803022
TILAPIA	801973		SILURIDAE	
CYPRINIDAE			WALLAGONIA ATTU	803022
CYPRINUS CARPIO	801973		FUNCTION	
MYOGLOBIN			TELEOSTEI	802543
BIOCHEMISTRY				
SCOMBRIDAE				
EUTHYNNUS VAGANS	801595			
THUNNUS ORIENTALIS	801595			
MYOSIN			HEAD MUSCLES	
BIOCHEMISTRY			COCCOSTEOMORPHA	
CARANGIDAE			COCCOSTEUS CUSPIDATUS	800701
SERIOLA QUINQUERADIATA	801854		ANATOMY	
POTASSIUM			FUNCTION	
BIOCHEMISTRY			GOBIESOCI FORMES	
SCYLIORHINIDAE			LEPADICHTHS LINEATUS	802219
SCYLIORHINUS CANICULUS	801999		ABNORMALITY	
SCORPAENIDAE			SILURIDAE	
SCORPAENA PORCUS	801999		SILURUS GLANIS	803032
CYPRINIDAE			DEVELOPMENT	
CYPRINUS CARPIO	801999		DESCRIPTIVE EVOLUTION	
TRANSAMINASE			PETROMYZONTOMORPHA	803406
BIOCHEMISTRY			SQUALIDAE	
SALMONIDAE			SQUALUS ACANTHIAS	803406
ONCORHYNCHUS	802427		OSTEOLEPIDOMORPHA	
			EUSTHENOPTERON FOORDI	803406
			AMIOMORPHA	
			AMIA CALVA	803406
CAUDAL FIN MUSCLES			EYE MUSCLES	
ANATOMY			ANATOMY	
SCIAENIDAE			CLUPEIDAE	
ARGYRO SOMUS REGIUS	802680		CLUPEA HARENGUS	801576
SCOMBRIDAE			CYPRINIDAE	
THUNNUS THYNNUS	802680		ABRAMIS BRAMA	800422
GADIDAE			ASPIUS ASPIUS	800203
POLLACHIUS VIRENS	802680		BARBUS BARBUS	801191

MUSCULAR SYSTEM (CONTINUED)	BATHYLACO NIGRICANS FUNCTION	801576	CHILOSCYLLIUM INDICUM CHANNIFORMES	801651
	PERCIDAE		OPHICEPHALUS PUNCTATUS	801651
ELECTRIC ORGANS	PERCA FLUVIATILIS	801898	MUGILOIDEI	
	STIZOSTEDION LUCIOPERCA	801898	MUGIL DUSSUMIERI	801651
	SERRANIDAE	801385	CARANGIDAE	
	CLUPEIDAE		CARANX HIPPOS	801651
	CLUPEA HARENGUS	801898	SCATOPHAGIDAE	
	CYPRINIDAE	801898	SCATOPHAGUS ARGUS	801651
	LOPHIIDAE		THERAPONIDAE	
	LOPHIUS PISCATORIUS	801898	THERAPON JARBUA	801651
	OSMERIDAE		POLYNEMOIDEI	
	OSMERUS EPERLANUS	801898	POLYNEMUS TETRADACTYLUS	801651
ULTRASTRUCTURE			CYNOGLOSSIDAE	
SALMONIDAE			CYNOGLOSSUS	801651
SALMO GAIRDNERII		801060	BELONIDAE	
ABNORMALITY			BELONE STRONGYLURUS	801651
SILURIDAE			EXOCOETIDAE	
SILURUS GLANIS		803032	HEMIRAMPHUS CANTORI	801651
FUNCTION			CHIROCENTRIDAE	
NERVOUS ELECTROPHYSIOLOGY			CHIROCENTRUS DORAB	801651
TELEOSTEI		802181	CLUPEIDAE	
SPATIAL ORIENTATION			HILSA ILISHA	801651
CYPRINIDAE			CYPRINIDAE	
CARASSIUS AURATUS		801253	BARBUS SARANA	801651
		803440	CIRRHINA MRIGALA	801651
			LABEO ROHITA	801651
DEVELOPMENT			HETEROPNEUSTIDAE	
DESCRIPTIVE EVOLUTION			HETEROPNEUSTES FOSSILIS	801651
PETROMYZONTOMORPHA		803406	BIOCHEMISTRY	
SQUALIDAE			SCOMBRIDAE	
SQUALUS ACANTHIAS		803406	THUNNUS ALBACARES	800486
RHIPIDISTIA		803406	CYPRINIDAE	
COELACANTHINI		803406	CYPRINUS CARPIO	800467
AMIOMORPHA			COMPARATIVE ENZYMOLOGY	
AMIA CALVA		803406	SCOMBRIDAE	
			SCOMBER SCOMBRUS	802377
			EXERCISE	
GUT MUSCLES			SALMONIDAE	
FUNCTION			SALMO TRUTTA	802676
CYPRINIDAE			FUNCTION	
TINCA TINCA		801164	TEMPERATURE	
EXPERIMENTAL ANALYSIS			CORYPHAENIDAE	
TEMPERATURE			CORYPHAENA HIPPURUS	802554
CYPRINIDAE			ISTIOPHORIDAE	
TINCA TINCA		801166	TETRAPTERUS AUDAX	802554
			SCOMBRIDAE	
HEART MUSCULATURE			EUTHYNNUS LINEATUS	802554
ULTRASTRUCTURE			SCOMBEROMORUS SIERRA	802554
SALMONIDAE			SPHYRAENOIDEI	
SALMO TRUTTA		800935	SPHYRAENA ENSIS	802554
BIOCHEMISTRY			ANATOMY	
MYXINOMORPHA			SCOMBRIDAE	801216
MYXINE GLUTINOSA		800424	EXPERIMENTAL ANALYSIS	
			BIOCHEMISTRY	
			GOBIIDAE	
			GOBIUS MELANOSTOMUS	802231
			CARANGIDAE	
			TRACHURUS MEDITERRANEUS	802025
				802231
			HISTOLOGY	
BLOOD VESSEL MUSCULATURE			LIPID AND FATTY ACID CONTENT	
HISTOLOGY			BIOCHEMISTRY	
VENOUS SYSTEM			CHANNIFORMES	
CYPRINIDAE			CHANNA PUNCTATA	801651
CYPRINUS CARPIO		803175	MYOGENS	
EXPERIMENTAL ANALYSIS			BIOCHEMISTRY	
MYXINOMORPHA			CYPRINIDAE	
EPTATRETUS STOUTII		800208	CYPRINUS CARPIO	801973
			MUSCULAR ELECTROPHYSIOLOGY	
GAS BLADDER MUSCLES			COTTIDAE	
ULTRASTRUCTURE			COTTUS SCORPIUS	800301
BATRACHOIDIFORMES			RED MUSCLES	
OPSANUS TAU		800778	AXIAL SKELETAL MUSCLES	
BIOCHEMISTRY			CARANGIDAE	
TRIGLIDAE			TRACHURUS MEDITERRANEUS	802025
PRIONOTUS EVOLANS		802224		
PRIONOTUS CAROLINUS		802224		
FUNCTION				
AVOIDANCE RESPONSES			MUSCLE CONTRACTILE PROCESS	
SALMONIDAE			CYPRINIDAE	
ONCORHYNCHUS NERKA		802419	LEUCISCUS RUTILUS	800881
RED MUSCLES			ELECTRIC ORGANS	
SALMONIDAE			ULTRASTRUCTURE	
SALMO GAIRDNERII		800299	TORPEDINIDAE	
DNA CONTENT AND FUNCTION			TORPEDO MARMORATA	800022
RNA CONTENT AND FUNCTION			GYMNOTIDAE	800815
CARANGIDAE			GYMNARCHIDAE	
SERIOLA QUINQUERADIATA		802889	GYMNARCHUS NILOTICUS	800815
CYPRINIDAE			MORMYRIDAE	
CYPRINUS CARPIO		802889	GNATHONEMUS	800815
SALMONIDAE		802889	BIOCHEMISTRY	
ANATOMY			TORPEDINIDAE	
CYPRINIDAE			TORPEDO MARMORATA	800022
CYPRINUS CARPIO		800467	ATP ASE CONTENT AND FUNCTION	
HISTOLOGY			ELECTROPHORIDAE	
BIOCHEMISTRY			ELECTROPHORUS ELECTRICUS	800189
LIPID AND FATTY ACID CONTENT				803114
SCYLIORHINIDAE				

FUNCTION			CENTRARCHIDAE			ELECTRIC ORGANS
TORPEDINIDAE			LEPOMIS GIBBOSUS	800608		(CONTINUED)
TORPEDO	800309		PERCIDAE			
	800824		LUCIOPERCA LUCIOPERCA	800698		
TORPEDO MARMORATA	801141		STIZOSTEDION LUCIOPERCA	800698		NERVOUS SYSTEM
APTERONOTIDAE			CYPRINIDAE			
STERNARCHUS LEPTORHYNCHUS	801373		CYPRINUS CARPIO	800673		
ELECTROPHORIDAE				800674		
ELECTROPHORUS ELECTRICUS	800309		MORMYRIDAE	800642		
GYMNOTIDAE			GADIDAE			
EIGENMANNIA	801373		LOTA LOTA	800698		
RHAMPHICHTHYIDAE			LOPHIIDAE			
HYPOPOMUS	801373		LOPHIUS AMERICANUS	800804		
MALAPTERURIDAE			OPTIC TECTUM			
MALAPTERURUS ELECTRICUS	800309		TELEOSTEI	803435		
	800677		ACOUSTICOLATERALIS NERVE			
INNERVATION			TELEOSTEI	800722		
RAJIDAE	803446		SALMONIDAE			
TORPEDINIDAE	803446		SALMO GAIRDNERII	800722		
URANOSCOPIIDAE			MAUTHNER NEURONE			
ASTROSCOPUS	803446		CYPRINIDAE			
APTERONOTIDAE			CARASSIUS AURATUS	803287		
STERNARCHUS	803446		TINCA TINCA	803287		
ELECTROPHORIDAE			LATERAL LINE PORES AND CANALS			
ELECTROPHORUS ELECTRICUS	803446		SALMONIDAE			
GYMNOTIDAE			SALVELINUS FONTINALIS	802605		
GYMNOTUS	803446					
STERNOPYGUS	803446					
MALAPTERURIDAE			REISSNER FIBER SCO COMPLEX			
MALAPTERURUS ELECTRICUS	803446		HISTOLOGY			
GYMNARCHIDAE			ANGUILLIDAE			
GYMNARCHUS ELECTRICUS	803446		ANGUILLA ANGUILLA	800823		
MORMYRIDAE	803446		ULTRASTRUCTURE			
EXPERIMENTAL ANALYSIS			ANGUILLIDAE			
ELECTROPHORIDAE			ANGUILLA ANGUILLA	800823		
ELECTROPHORUS ELECTRICUS	800671		BIOCHEMISTRY			
TEMPERATURE			HISTOLOGY			
APTERONOTIDAE	801622		FUNCTION			
ELECTROPHORIDAE			PETROMYZONTOMORPHA			
ELECTROPHORUS ELECTRICUS	800187		LAMPETRA PLANERI	801488		
MALAPTERURIDAE			EXPERIMENTAL ANALYSIS			
MALAPTERURUS ELECTRICUS	800188		ANGUILLIDAE			
AVOIDANCE CONDITIONING			ANGUILLA ANGUILLA	800823		
MORMYRIDAE			DEVELOPMENT			
GNATHONEMUS	801770		CYPRINIDAE			
			CYPRINUS CARPIO	801429		
NEURONS						
EXPERIMENTAL ANALYSIS			INNERVATION			
CYPRINIDAE			PIGMENT CELLS			
BRACHYDANIO RERIO	800163		LABRIDAE			
CARASSIUS CARASSIUS	800163		TAUTOGOLABRUS ADSPERSUS	801965		
			EFFECT ON FISH			
			INTESTINAL DIGESTION			
NERVE FIBERS			SCYLORHINIDAE			
TETRODOTOXIN			SCYLORHINUS CANICULA	802016		
EXPERIMENTAL ANALYSIS			SCYLORHINUS CANICULUS	802016		
CYPRINODONTIDAE						
FUNDULUS HETEROCLITUS	803270					
			CENTRAL NERVOUS SYSTEM			
CHOROID PLEXUS			FUNCTION			
HEMODYNAMICS			ELASMOBRANCHII	801501		
PETROMYZONTOMORPHA			TELEOSTEI	801501		
PETROMYZON MARINUS	803133					
CYPRINIDAE						
CARASSIUS AURATUS	803133					
SACCUS VASCULOSUS			BRAIN			
ANATOMY			RNA CONTENT AND FUNCTION			
POLYPTEROMORPHA			INSTRUMENTAL CONDITIONING			
CALAMOICHTHYS CALABARICUS	801357		CYPRINIDAE			
POLYPTERUS PALMAS	801357		CARASSIUS AURATUS	803107		
TELEOSTEI	803183		HEMODYNAMICS			
ULTRASTRUCTURE			HEMOGLOBIN			
TELEOSTEI	800936		PETROMYZONTOMORPHA			
CENTRARCHIDAE			PETROMYZON MARINUS	803133		
LEPOMIS GIBBOSUS	800818		CYPRINIDAE			
FUNCTION			CARASSIUS AURATUS	803133		
HISTOLOGY			ANATOMY			
NOTOPTERIDAE			DIPNOI			
NOTOPTERUS CHITALA	800746		NEOCERATODUS FORSTERI	800814		
NOTOPTERUS NOTOPTERUS	800746		PROTOPTERUS	800814		
			TELEOSTEI	803183		
			MORPHOMETRICS			
NERVE DEGENERATION			USE IN SYSTEMATICS			
CARCHARHINIDAE			Gobiidae	802243		
GALEOCERDO CUVIERI	800275		INFRASPECIFIC VARIATION			
ORECTOLOBIDAE			Gobiidae			
GINGLYMOSTOMA CIRRATUM	800275		BENTHOPHILUS STELLATUS	802266		
			PROTERORHINUS MARMORATUS	802266		
			HISTOLOGY			
NERVOUS ELECTROPHYSIOLOGY			CHANNIFORMES			
TELEOSTEI	803092		CHANNA ARGUS	803183		
			REGALECIDAE			
			REGALECUS RUSSELLII	803183		
			AMMODYTIDAE			
			AMMODYTES PERSONATUS	803183		
			BELONTIIDAE			
			BETTA SPLENDENS	803183		
			STICHAETIDAE			
			STICHAEUS GRIGORJEWI	803183		

NERVOUS SYSTEM  
(CONTINUED)

CALLIONYMOIDEI			ANGUILLA JAPONICA	803183
CALLIONYMUS LUNATUS	803183		CONGRIDAE	
Gobiidae			CONGER MYRIASTER	803183
ACANTHOGOBIIUS FLAVIMANUS	803183		MURAENESOCIDAE	
CHAETURICHTHYS HEXANEMA	803183		MURAENESOX CINEREUS	803183
CRYPTOCENTRUS FILIFER	803183		OPHICHTHIDAE	
MOGURNDIA OBSCURA	803183		MYSTRIOPHIS PORPHYREUS	803183
ODONTAMBLYOPUS RUBICUNDUS	803183		COBITIDAE	
LABRIDAE			MISGURNUS ANGUILLICAUDATUS	803183
HALICHOERES POECILOPTERUS	803183		CYPRINIDAE	
MUGILOIDEI			ACHEILOGNATHUS LANCEOLATA	803183
MUGIL CEPHALUS	803183		CARASSIUS AURATUS	803183
CARANGIDAE			CYPRINUS CARPIO	803183
ALECTIS CILIARIS	803183		PSEUDOGOBIO ESOCINUS	803183
SERIOLE QUINQUERADIATA	803183		TRIBOLODON HAKONENSIS	803183
TRACHURUS JAPONICUS	803183		BAGRIDAE	
CORYPHAENIDAE			PELTEOBAGRUS UNICEPS	803183
CORYPHAENA HIPPIURUS	803183		SILURIDAE	
EMBIOTOCIDAE			PARASILURUS ASOTUS	803183
DITREMA TEMMINCKI	803183		GADIDAE	
KYPHOSIDAE			GADUS MACROCEPHALUS	803183
GIRELLA PUNCTATA	803183		THERAGRA CHALCOGRAMMUS	803183
MULLIDAE			ANTENNARIIDAE	
UPENEUS BENSASI	803183		HISTRIO HISTRIO	803183
OPLEGNATHIDAE			LOPHIIDAE	
OPLEGNATHUS FASCIATUS	803183		LOPHIUS LITULON	803183
POMADASYIDAE			ARGENTINIDAE	
PARAPRISTIPOMA TRILINEATUM	803183		ARGENTINA SEMIFASCIATA	803183
PRIACANTHIDAE			SYNDONTIDAE	
PRIACANTHUS MACRACANTHUS	803183		SAURIDA UNDOSSQUAMIS	803183
SCIAENIDAE			OSMERIDAE	
ARGYROSPOMUS ARGENTATUS	803183		HYPOMESUS OLIDUS	803183
SERRANIDAE			PLECOGLOSSIDAE	
COREOPERCA KAWAMEBARI	803183		PLECOGLOSSUS ALTIVELIS	803183
DOEDERLEINIA BERYCOIDES	803183		SALMONIDAE	
EPINEPHELUS FARIO	803183		ONCORHYNCHUS KETA	803183
LATEOLABRAX JAPONICUS	803183		ONCORHYNCHUS MASOU	803183
SILLAGINIDAE			ONCORHYNCHUS NERKA	803183
SILLAGO SIHAMA	803183		SALMO GAIARDNERII	803183
SPARIDAE			SALVELINUS FONTINALIS	803183
ACANTHOPAGRUS SCHLEGELI	803183		SALVELINUS PLUVIUS	803183
DENTEX TUMIFRONS	803183		GONOSTOMATIDAE	
PAGRUS MAJOR	803183		MAUROLICUS JAPONICUS	803183
SCOMBRIDAE			HISTOLOGY	
EUTHYNNUS AFFINIS	803183		LABRIDAE	
EUTHYNNUS PELAMIS	803183		CRENILABRUS TINCA	800635
SCOMBER JAPONICUS	803183		ULTRASTRUCTURE	
SCOMBEROMORUS NIPHONIUS	803183		CARCHARINIDAE	
THYNNUS THYNNUS	803183		GALEOCERDO CUVIERI	801341
TRICHIURIDAE			ORECTOLOBIIDAE	
TRICHIURUS LEPTURUS	803183		GINGLYMOSTOMA CIRRHATUM	801341
SPHYRAENOIDEI			SPHYRNIDAE	
SPHYRAENA PINGUIS	803183		SPHYRNA ZYGAEANA	801341
TRICHODONTIDAE			CENTRARCHIDAE	
ARCTOSCOPUS JAPONICUS	803183		LEPOMIS GIBBOSUS	800807
URANOSCOPIIDAE			LARVA	
GNATHAGNUS ELONGATUS	803183		PETROMYZONTOMORPHA	
BOTHIDAE			LAMPETRA PLANERI	801502
PARALICHTHYS OLIVACEUS	803183		BIOCHEMISTRY	
PLEURONECTIDAE			DIPNOI	
GLYPTOCEPHALUS STELLERI	803183		PROTOPTERUS ANNECTENS	801267
HIPPOGLOSSOIDES DUBIUS	803183		PROTOPTERUS AETHIOPICUS	800175
HIPPOGLOSSUS STENOLEPIS	803183		CYPRINIDAE	
LIMANDA HERZENSTEINI	803183		CARASSIUS CARASSIUS	800514
TANAKIUS KITAHARAI	803183		CARASSIUS AURATUS	800211
AGONIDAE				800650
PODOTHECUS SACHI	803183			800831
COTTIDAE				800805
FURCINA ISHIKAWAI	803183		CYPRINUS CARPIO	
CYCLOPTERIDAE			PLOTOSIDAE	
CYCLOLUMPUS ASPERRIMUS	803183		CNIDOGANIS MEGASTOMUS	801284
HEXAGRAMMIDAE			LIPID AND FATTY ACID CONTENT	
HEXAGRAMMOS OTAKII	803183		CYPRINIDAE	
PLEUROGRAMMUS AZONUS	803183		CARASSIUS AURATUS	800296
PLATYCEPHALOIDEI			PROTEIN SYNTHESIS	
COCIELLA CROCODILA	803183		GLUCOSE CONTENT	
PLATYCEPHALUS INDICUS	803183		CARBOHYDRATE CONTENT	
SCORPAENIDAE			CYPRINIDAE	
SEBASTES INERMIS	803183		BRACHYDANIO RERIO	801910
SEBASTOLOBUS MACROCHIR	803183		CARASSIUS CARASSIUS	801910
SEBASTISCUS MARMORATUS	803183		RNA CONTENT AND FUNCTION	
SYNANCEJIDAE			CYPRINIDAE	
INIMICUS JAPONICUS	803183		CARASSIUS AURATUS	803450
TRIGLIDAE			ENZYMOLGY	
CHELIDONICHTHYS KUMU	803183		CENTRARCHIDAE	
LEPIDOTRIGLA MICROPTERA	803183		LEPOMIS MACROCHIRUS	802417
BALISTIDAE			ICTALURIDAE	
NAVODON MODESTUS	803183		ICTALURUS PUNCTATUS	802417
STEPHANOLEPIS CIRRHIFER	803183		OXIDATIVE METABOLISM	
TETRAODONTIDAE			PETROMYZONTOMORPHA	
FUGU NIPHOLES	803183		LAMPETRA FLUVIATILIS	801360
FUGU RUBRIPES	803183		SCORPAENIDAE	
FUGU VERRUCULARIS	803183		SCORPAENA PORCUS	801360
ZEIDAE			ABNORMALITY	
ZEUS JAPONICUS	803183		CYPRINODONTIDAE	
EXOCOETIDAE			FUNDULUS HETEROCLITUS	801257
HEMIRAMPHUS SAJORI	803183		SILURIDAE	
PROGNICHTHYS AGOO	803183		SILURUS GLANIS	803032
SCOMBERESOCIDAE			FUNCTION	
COLLABIS SAIRA	803183		LABRIDAE	
CLUPEIDAE			CRENILABRUS MEDITERRANEUS	800635
CLUPEA PALLASII	803183		CRENILABRUS OCELLATUS	800635
HARENGULA ZUNASI	803183		CRENILABRUS QUINQUEMACULATUS	800635
SARDINOPS MELANOSTICTA	803183		CRENILABRUS TINCA	800635
ENGRAULIDAE			LABRUS MERULA	800635
ENGRAULIS JAPONICA	803183		CENTRARCHIDAE	
ANGUILLIDAE			LEPOMIS GIBBOSUS	800635
			DEVELOPMENT	

PERCIDAE		POECILIIDAE		NERVOUS SYSTEM
ACERINA CERNUA	800799	POECILIA RETICULATA	801993	(CONTINUED)
CYPRINIDAE		CYPRINIDAE		
CARASSIUS CARASSIUS	800799	CARASSIUS CARASSIUS	801993	
CARASSIUS AURATUS	800799	FUNCTION		
ESOCIDAE		TELEOSTEI	801252	
ESOX LUCIUS	800799			
SALMONIDAE				
COREGONUS PELED	800799			
COREGONUS SARDINELLA	800799			
COREGONUS LAVARETUS	800799	OPTIC TECTUM		
COREGONUS NASUS	800799	HISTOLOGY		
COREGONUS MUKSUN	800799	LABRIDAE		
ANATOMY		CRENILABRUS QUINQUEMACULATUS	800635	
CARANGIDAE		ULTRASTRUCTURE		
TRACHURUS JAPONICUS	800919	EXPERIMENTAL ANALYSIS		
ACETYLCHOLINESTERASE		TELEOSTEI	803435	
BIOCHEMISTRY		FUNCTION		
CENTRARCHIDAE		MURAENIDAE		
LEPOMIS MACROCHIRUS	802390	GYMNOTHORAX FUNEBRIS	802665	
ICTALURIDAE		BATRACHOIDIFORMES		
ICTALURUS PUNCTATUS	802390	OPSIANUS TAU	802665	
PLASMALOGENS		EXPERIMENTAL ANALYSIS		
BIOCHEMISTRY		CYPRINIDAE		
LIPID AND FATTY ACID CONTENT		CARASSIUS AURATUS	803436	
CYPRINIDAE		BIOCHEMISTRY		
CARASSIUS AURATUS	803134	CYPRINIDAE		
		BRACHYDANIO RERIO	800845	
		CARASSIUS CARASSIUS	800845	
		LIPID METABOLISM		
		CYPRINIDAE		
		BRACHYDANIO RERIO	801408	
TELENCEPHALON		FUNCTION		
ANATOMY		CYPRINIDAE		
DIPNOI	803441	CARASSIUS AURATUS	803440	
TELEOSTEI	803441	EXPERIMENTAL ANALYSIS		
PERCIDAE		SERRANIDAE		
PERCA FLUVIATILIS	800695	PARALABRAX CLATHRATUS	801385	
TRICHIURIDAE		PARALABRAX NEBULIFER	801385	
APHANOPUS CARBO	802655	PARALABRAX MACULOFASCIATUS	801385	
HISTOLOGY				
CARCHARHINIDAE				
GALEOCERDO CUVIERI	800817			
ORECTOLOBIDAE				
GINGLYMOSTOMA CIRRTATUM	800817			
FUNCTION		METENCEPHALON		
MEMORY MECHANISMS		NERVOUS ELECTROPHYSIOLOGY		
CYPRINIDAE		CARCHARHINIDAE		
CARASSIUS AURATUS	803444	MUSTELUS CANIS	802179	
DESCRIPTIVE EVOLUTION			802186	
TELEOSTEI	803443	ANATOMY		
EXPERIMENTAL ANALYSIS		FUNCTION		
RNA CONTENT AND FUNCTION		SQUALOMORPHA	802020	
ARIIDAE		TELEOSTEI	802020	
GALEICHTHYS FELIS	803035	HISTOLOGY		
AVOIDANCE CONDITIONING		FUNCTION		
CYPRINIDAE		GADIDAE		
CARASSIUS AURATUS	803289	ELEGINUS NAVAGA	802245	
		GADUS MORHUA	802245	
		FUNCTION		
		CHANNIFORMES		
		OPHICEPHALUS ARGUS	801009	
DIENCEPHALON				
ANATOMY		MEDULLA OBLONGATA		
PERCIDAE		NERVOUS ELECTROPHYSIOLOGY		
PERCA FLUVIATILIS	800695	SQUALIDAE		
POECILIIDAE	800695	SQUALUS ACANTHIAS	802261	
CYPRINIDAE	800695			
MESENCEPHALON				
HISTOLOGY		CRANIAL NERVES		
RAJIDAE		ANATOMY		
RAJA CLAVATA	802463	OSTEOLEPIDOMORPHA		
CARCHARHINIDAE		EUSTHENOPTERON FOORDI	803406	
MUSTELUS MUSTELUS	802463	AMIOMORPHA		
SCYLIORHINIDAE		AMIA CALVA	803406	
SCYLIORHINUS CANICULUS	802463	TELEOSTEI	803183	
SQUALIDAE		CYNOGLOSSIDAE		
SQUALUS ACANTHIAS	802463	CYNOGLOSSUS BILINEATUS	800821	
LABRIDAE				
LABRUS BIMACULATUS	802463			
MUGILOIDEI				
MUGIL CEPHALUS	802463			
KYPHOSIDAE		OLFACTORY NERVE		
BOOPS SALPA	802463	NERVE DEGENERATION		
BOOPS BOOPS	802463	ORECTOLOBIDAE		
SERRANIDAE		GINGLYMOSTOMA CIRRTATUM	800817	
SERRANUS SCRIBA	802463	REGENERATION		
SPARIDAE		CYPRINIDAE		
DIPLODUS ANNULARIS	802463	CARASSIUS AURATUS	803442	
URANOSCOPIDAE		CYPRINUS CARPIO	803442	
URANOSCOPUS SCABER	802463	ULTRASTRUCTURE		
SCORPAENIDAE		CYPRINIDAE		
SCORPAENA SCROFA	802463	CARASSIUS CARASSIUS	801251	
SCORPAENA PORCUS	802463		801428	
CLUPEIDAE				
CLUPEA ALOSA	802463			
ANGUILLIDAE				
ANGUILLA ANGUILLA	802463			
CYPRINIDAE		OPTIC NERVE		
CARASSIUS CARASSIUS	800163	HISTOLOGY		
SALMONIDAE		CYPRINIDAE		
SALMO GAIRDNERII	802463	CARASSIUS AURATUS	800813	
BIOCHEMISTRY		BIOCHEMISTRY		
FUNCTION				

<b>NERVOUS SYSTEM</b>	CYPRINIDAE		TEMPERATURE	
(CONTINUED)	BRACHYDANIO RERIO	800845	INSECTICIDE POLLUTANTS	
	CARASSIUS CARASSIUS	800845	SALMONIDAE	
	FUNCTION		SALVELINUS FONTINALIS	802605
	BIOCHEMISTRY		DEVELOPMENT	
	CYPRINIDAE		ATHERINIDAE	
	CARASSIUS	801226	MENIDIA MENIDIA	801187
	CARASSIUS CARASSIUS	800514	MENIDIA BERYLLINA	801187
	EXPERIMENTAL ANALYSIS			
	CARCHARHINIDAE			
	GALEOCERDO CUVIERI	800275		
	ORECTOLOBIDAE			
	GINGLYMOSTOMA CIRRATUM	800275	<b>GLOSSOPHARYNGEAL NERVE</b>	
	CYPRINIDAE		DEVELOPMENT	
	CARASSIUS CARASSIUS	800163	BATRACHOIDIFORMES	
	PROTEIN SYNTHESIS		OPSANUS TAU	801952
	CYPRINIDAE			
	CARASSIUS AURATUS	802950		
			<b>VAGUS NERVE</b>	
			EXPERIMENTAL ANALYSIS	
<b>OCULOMOTOR NERVE</b>			ION AND WATER RELATIONSHIPS	
ULTRASTRUCTURE			ANGUILLIDAE	
FUNCTION			ANGUILLA ANGUILLA	802661
DIODONTIDAE			CYPRINIDAE	
CHILOMYCTERUS SCHOEPFI	801407		CYPRINUS CARPIO	802661
FUNCTION			TINCA TINCA	802661
CHANNIFORMES				803112
OPHICEPHALUS ARGUS	801009		DEVELOPMENT	
			BATRACHOIDIFORMES	
			OPSANUS TAU	801952
<b>TROCHLEAR NERVE</b>				
DESCRIPTIVE EVOLUTION				
PETROMYZONTOMORPHA	803406		<b>SPINAL CORD</b>	
SQUALIDAE			ULTRASTRUCTURE	
SQUALUS ACANTHIAS	803406		REGENERATION	
RHIPIDISTIA	803406		CYPRINIDAE	
COELACANTHINI	803406		CARASSIUS AURATUS	800806
			DEVELOPMENT	
			CYPRINIDAE	
			BRACHYDANIO RERIO	800347
			NERVE GROWTH FACTOR	
			BIOCHEMISTRY	
<b>TRIGEMINAL NERVE</b>			LABRIDAE	
HISTOLOGY			TAUTOGLABRUS ADSPERSUS	803314
RAJIDAE	802463		CENTRARCHIDAE	
RAJA CLAVATA			AMBLOPLITES RUPESTRIS	803314
CARCHARHINIDAE			LEPOMIS GIBBOSUS	803314
MUSTELUS MUSTELUS	802463		LEPOMIS MACROCHIRUS	803314
SCYLIORHINIDAE			SERRANIDAE	
SCYLIORHINUS CANICULUS	802463		CENTROPRISTES STRIATUS	803314
SQUALIDAE			CYPRINIDAE	
SQUALUS ACANTHIAS	802463		BRACHYDANIO RERIO	803314
LABRIDAE			CARASSIUS AURATUS	803314
LABRUS BIMACULATUS	802463		RHINICHTHYS ATRATULUS	803314
MUGILOIDEI				
MUGIL CEPHALUS	802463			
KYPHOSIDAE				
BOOPS BOOPS	802463			
BOOPS SALPA	802463			
SERRANIDAE			<b>SPINAL NERVES</b>	
SERRANUS SCRIBA	802463		ANATOMY	
SPARIDAE			LABRIDAE	
DIPLODUS ANNULARIS	802463		TAUTOGA ONITIS	802473
URANOSCOPIIDAE			CENTRARCHIDAE	
URANOSCOPUS SCABER	802463		AMBLOPLITES RUPESTRIS	802473
SCORPAENIDAE			CICHLIDAE	
SCORPAENA SCROFA	802463		PTEROPHYLLUM EIMEKEI	802473
SCORPAENA PORCUS	802463		PERCIDAE	
CLUPEIDAE			PERCA FLAVESCENS	802473
CLUPEA ALOSA	802463		SERRANIDAE	
ANGUILLIDAE			CENTROPRISTES STRIATUS	802473
ANGUILLA ANGUILLA	802463		CYPRINODONTIDAE	
SALMONIDAE			FUNDULUS HETEROCLITUS	802473
SALMO GAIRDNERII	802463		RIVULUS STRIGATUS	802473
DEVELOPMENT			ANGUILLIDAE	
BATRACHOIDIFORMES			ANGUILLA ROSTRATA	802473
OPSANUS TAU	801952		CYPRINIDAE	802473
			ICTALURIDAE	
			ICTALURUS NEBULOSUS	802473
			BATRACHOIDIFORMES	
			OPSANUS TAU	802473
			MYCOTOPHIDAE	
<b>FACIAL NERVE</b>			LAMPANYCTUS LEUCOPSARUS	802473
DEVELOPMENT			DEVELOPMENT	
BATRACHOIDIFORMES			CYPRINODONTIDAE	
OPSANUS TAU	801952		FUNDULUS	800347
			CYPRINIDAE	
			BRACHYDANIO RERIO	800347
			DEVELOPMENTAL ANALYSIS	
<b>ACOUSTICOLATERALIS NERVE</b>			CYPRINIDAE	
ANATOMY			BRACHYDANIO RERIO	800797
MORMYRIDAE			EMBRYO IMMUNOLOGICAL TREATMENT	
GNATHONEMUS PETERSII	800642		CYPRINIDAE	
PETROCEPHALUS SIMUS	800642		BRACHYDANIO RERIO	8



CARASSIUS AURATUS	800165	BATHYCLUPEIDAE		NERVOUS SYSTEM
EXPERIMENTAL ANALYSIS		BATHYCLUPEA ARGENTATA	800249	(CONTINUED)
CYPRINIDAE		PERCIDAE		
CARASSIUS AURATUS	800165	PERCA FLUVIATILIS	800249	
FUNCTION		SCIAENIDAE		SENSORY SYSTEMS
CYPRINIDAE		APLODINOTUS GRUNNIENS	800249	
CARASSIUS AURATUS	803287	EQUETES ACUMINATUS	800249	
TINCA TINCA	803287	PLEURONECTIDAE		
DEVELOPMENT		REINHARDTIUS HIPPOGLOSSOIDES	800249	
GADIDAE		BALISTIDAE		
GADUS MORHUA	801462	CANTHERINES AMPHIOXUS	800249	
		ZEIDAE		
		CAPROMIMUS ABBREVIATUS	800249	
		PHALLOSTETHIDAE		
		NEOSTETHUS SIAMENSIS	800249	
		NOTACANTHIDAE		
		NOTACANTHUS PHASGANORUS	800249	
		CYPRINIDAE		
		NOTEMIGONUS CRYSOLEUCAS	800249	
		ICTALURIDAE		
		ICTALURUS NEBULOSUS	800249	
		BATRACHOIDIFORMES		
		PORICHTHYS NOTATUS	800249	
		GADIDAE		
		GADUS MORHUA	800249	
		OPHIDIIDAE		
		BROSMICHTHYS MARGINATUS	800249	
		GOBIESOCIFORMES		
		GOBIESOX MAEANDRICUS	800249	
		LOPHIIDAE		
		LOPHIUS AMERICANUS	800249	
		PERCOPSIDAE		
		PERCOPSIS OMISCOMAYCUS	800249	
		ANATOMY		
		AGONIDAE		
		ASPIDOPHOROIDEA OLRIKII	800249	
		BATHYAGONUS NIGRIPINNIS	800249	
		LEPTAGONUS DECAGONUS	800249	
		COMEPHORIDAE		
		COMEPHORUS DYBOWSKII	800249	
		COTTIDAE	800249	
		CYCLOPTERIDAE		
		LIPARIS HERSCHELINUS	800249	
		SCORPAENIDAE		
		SCORPAENA GUTTATA	800249	
		SEBASTODES CAURINUS	800249	
		TRIGLIDAE		
		PRIONOTUS CAROLINUS	800249	
		SYNBRANCHIDAE		
		MONOPTERUS JAVANENSIS	800249	
		ATHERINIDAE		
		MENIDIA MENIDIA	800249	
		CYPRINODONTIDAE		
		FUNDULUS HETEROCLITUS	800249	
		SCOMBERESOCIDAE		
		COLOLABIS SAIRA	800249	
		CLUPEIDAE		
		DOROSOMA CEPEDIANUM	800249	
		ANGUILLIDAE		
		ANGUILLA ROSTRATA	800249	
		COBITIDAE		
		ACANTHOPTERUS	802682	
		COBITIS TAENIA	802683	
		MORMYRIDAE	800642	
		HISTOLOGY		
		DIPNOI		
		URANOLOPHUS WYOMINGENSIS	803072	
		DEVELOPMENT		
		DESCRIPTIVE EVOLUTION		
		DIPNOI		
		DIPTERUS VALENCIENNESI	803401	
		PROTOPTERUS AETHIOPICUS	803401	
		PROTOPTERUS DOLLOI	803401	
		SCAUMENACIA CURTA	803401	
		HISTOLOGY		
		HETEROPNEUSTIDAE		
		HETEROPNEUSTES FOSSILIS	800093	
		FUNCTION		
		CYPRINIDAE		
		HYBOPSIS	800783	
		DEVELOPMENT		
		CHANNIFORMES		
		OPHICEPHALUS PUNCTATUS	802062	
		GOBIIDAE		
		GOBIUS STRIATUS	802062	
		CYPRINIDAE		
		CIRRHINA MRIGALA	802062	
		BIOCHEMISTRY		
		HETEROPNEUSTIDAE		
		HETEROPNEUSTES FOSSILIS	800093	
		ABNORMALITY		
		CARANGIDAE		
		TRACHURUS SYMMETRICUS	802879	
		GADIDAE		
		GADUS MORHUA	801462	
		FUNCTION	800249	
		COTTIDAE	800249	
		DEVELOPMENT		
		ANATOMY		
		CLUPEIDAE		
		DOROSOMA PETENENSE	800784	
		DESCRIPTIVE EVOLUTION		
		DIPNOI		
		NEOCERATODUS FORSTERI	803416	
		DESCRIPTIVE EVOLUTION	800249	
		DDT		
		EXPERIMENTAL ANALYSIS		
AUTONOMIC NERVOUS SYSTEM				
HISTOLOGY				
BIOCHEMISTRY				
ANGUILLIDAE				
ANGUILLA OCCIDENTALIS	801618			
SALMONIDAE				
SALMO GAIKNERII	801618			
SALMO TRUTTA	801618			
ULTRASTRUCTURE				
PARS INTERMEDIA				
GASTEROSTEIDAE				
GASTEROSTEUS ACULEATUS	801314			
EXPERIMENTAL ANALYSIS				
CYPRINIDAE				
TINCA TINCA	801164			
DEVELOPMENT				
CYPRINIDAE				
BRACHYDANIO RERIO	800347			
TACTILE SENSITIVITY ORGANS				
DEVELOPMENT				
ACIPENSEROMORPHA				
ACIPENSER GULDENSTAEDTI	801109			
LATERAL LINE				
CYPRINIDAE				
RHODEUS SERICEUS X				
PARACHEILOGNATHUS TABIRA X	800665			
LARVAL SENSE ORGANS				
CLUPEIDAE				
BREVOORTIA TYRANNUS	800416			
FUNCTION				
TELEOSTEI	801501			
CYPRINIDAE				
CARASSIUS AURATUS	800967			
DEVELOPMENT				
ATHERINIDAE				
MENIDIA BERYLLINA	801187			
MENIDIA MENIDIA	801187			
DEVELOPMENT				
ACIPENSEROMORPHA				
ACIPENSER GULDENSTAEDTI	801109			
LATERAL LINE PORES AND CANALS				
THELODONTOMORPHA				
PHLEBOLEPIS ELEGANS	801556			
COCCOSTEOMORPHA				
COCCOSTEUS CUSPIDATUS	800701			
COCHLIODONTOMORPHA				
MENASPIS ARMATA	803399			
CYPRINODONTIDAE	801988			
CONGRIDAE				
DIPLOCONGER POLYSTIGMATUS	800710			
MURAENESOCIDAE	800402			
NEMICHTHYIDAE				
BORODINULA INFANS	800710			
OPHICHTHIDAE				
ECHELUS MYRUS	802712			
ECHELUS PACHYRHYNCHUS	802712			
MYROPHIS PLUMBEUS	802712			
XENOCOGRIDAE	801919			
BARBOURISIIDAE				
BARBOURISIA RUFA	802456			
PARALEPIDIDAE				
UNCISUDIS LONGIROSTRA	800742			
INFRASPECIFIC VARIATION				
BLENNIIDAE				
BLENNIUS ZVONIMIRI	803062			
BLENNIUS INCOGNITUS	803062			
ISTIOPHORIDAE	803380			
STRUCTURE				
AMOMORPHA				
AMIA CALVA	800249			
SEMIONOTOMORPHA				
LEPISOSTEUS OSSEUS	800249			
GASTEROSTEIDAE				
GASTEROSTEUS ACULEATUS	800249			
ANABANTIDAE				
ANABAS TESTUDINEUS	800249			
GOBIIDAE				
DORMITATOR LATIFRONS	800249			
MASTACEMBELIDAE				
MACROGNATHUS ACULEATUS	800249			

SENSORY SYSTEMS  
(CONTINUED)

INSECTICIDE POLLUTANTS  
SALMONIDAE  
SALVELINUS FONTINALIS

802605

NEUROMASTS

DIPNOI  
LEPIDOSIREN PARADOXA 803294  
PROTOPTERUS 803294  
POLYPTEROMORPHA  
CALAMOICHTHYS CALABARICUS 803294  
POLYPTERUS DELHEZI 803294  
ANATOMY  
GOBIIDAE  
GOBIUS STRIATUS 802062  
COBITIDAE  
ACANTHOPSIS 802682  
COBITIS TAENIA 802683  
CYPRINIDAE  
CIRRHINA MRIGALA 802062  
FUNCTION  
CARCHARINIDAE  
CARCHARINUS MELANOPTERUS 803278  
CARCHARINUS MENISORRAH 803278  
SPHYRNIDAE  
SPHYRNA LEWINI 803278  
DEVELOPMENT  
CLUPEIDAE  
DOROSOMA PETENENSE 800784  
EXPERIMENTAL ANALYSIS  
ICTALURIDAE  
ICTALURUS NEBULOSUS 800162  
DEVELOPMENT  
HISTOLOGY  
CYPRINIDAE  
HYBOPSIS 800783  
HYBOPSIS CRAMERI 800783

PIT ORGANS

CYPRINIDAE  
CIRRHINA REBA 801192

DISPLACEMENT DETECTION

CARCHARINIDAE  
CARCHARINUS 802409  
RHIZOPRIONODON 802409  
ORECTOLOBIDAE  
GINGLYMOSTOMA CIRRHATUM 802409  
LUTJANIDAE 802409  
POMADASYIDAE  
HAEMULON ALBUM 802409  
SERRANIDAE 802409  
MALAPTERURIDAE  
MALAPTERURUS ELECTRICUS 800677

LABYRINTH

ISTIOPHORIDAE  
TETRAPTERUS PFLUEGERI 803380  
ANATOMY  
PETROMYZONTOMORPHA  
LAMPETRA FLUVIATILIS 800552  
ULTRASTRUCTURE  
PETROMYZONTOMORPHA  
LAMPETRA FLUVIATILIS 800552  
EXPERIMENTAL ANALYSIS  
CYPRINIDAE  
CARASSIUS AURATUS 801614  
SOUND RECEPTION  
CYPRINIDAE  
CARASSIUS AURATUS 803269  
DESCRIPTIVE EVOLUTION  
PETROMYZONTOMORPHA  
LAMPETRA FLUVIATILIS 800552

SACCULUS

PEMPHERIDAE  
PARAPRIACANTHUS 802959  
PEMPHERIS 802959  
NERVOUS ELECTROPHYSIOLOGY  
COTTIDAE  
COTTUS SCORPIUS 802263  
ANATOMY  
SERRANIDAE  
DICENTRARCHUS LABRAX 802669  
HISTOLOGY  
BIOCHEMISTRY  
SALMONIDAE  
SALMO GAIARDNERII 801852

OTOLITHS

ACIPENSEROMORPHA  
ACIPENSER STURIO 801687  
PALEONISCIFORMES 801687  
PHOLIDOPLEURIFORMES 801687  
POLYPTEROMORPHA  
CALAMOICHTHYS CALABARICUS 801687  
POLYPTERUS SENEGALIS 801687  
AMOMORPHA  
AMIA CALVA 801687  
SEMIONOTOMORPHA  
TELEOSTEI 801687  
CHANNIFORMES 803012  
BADIDAE  
BADIS BADIS 803012  
BLENNIIDAE 802433  
GOBIIDAE  
GOBIUS 802927  
SCIAENIDAE 802927  
CONGRIDAE  
ANAGO ANAGO 800710  
ARIOSOMA SOMALIENSE 800710  
CONGER DURUS 802927  
DIPLOCONGER POLYSTIGMATUS 800710  
LEMKEA HETEROLINEA 800710  
PSEUDOPHICHTHYS MACROPORIS 800710  
RHYNCHONCHER ECTENURUS 800710  
MORINGUIDAE  
MORINGUA MICROCHIR 800710  
NEMICHTHYIDAE  
BORODINULA INFANS 800710  
NETTASTOMATIDAE  
NETTASTOMA ELONGATUM 800710  
OPHICHTHIDAE  
MYROPHIS LEPTURUS 800710  
XENOCONGRIDAE  
ROBINIA CATHARINAE 800710  
LEPTOLEPIDOMORPHA 801687  
ARIIDAE  
ARIUS SONA 800710  
ARIUS THALASSINUS 800710  
MORMYRIDAE  
CAMPYLOMORMYRUS 801507  
ANATOMY  
BERYCIDAE  
BERYX DECACTYLUS 802517  
DIRETMIDAE  
DIRETMUS ARGENTUS 802517  
TRACHICHTHYIDAE  
GEPHYROBERYX DARWINI 802517  
HOPLOSTETHUS MEDITERRANEUS 802517  
HOPLOSTETHUS ATLANTICUS 802517  
DACTYLOPTERIFORMES  
DACTYLOPTERUS VOLITANS 802517  
ACANTHURIDAE  
ACANTHURUS MONROVIAE 802517  
AMMODYTIDAE  
AMMODYTUS TOBIANUS 802517  
HYPEROPLUS LANCEOLATUS 802517  
ANARHCHADIDAE  
STICHAIDAE  
LUMPENUS LAMPRETAEFORMIS 802517  
CALLIONYMOIDEI  
CALLIONYMUS PHAETON 802517  
CALLIONYMUS MACULATUS 802517  
CALLIONYMUS LYRA 802517  
GOBIIDAE  
POMATOSCHISTUS MINUTUS 802517  
LABRIDAE 802517  
SCARIDAE  
SCARUS HOEFLEI 802517  
APOGONIDAE  
EPIGONUS TELESCOPUS 802517  
SYNAGROPS MICROLEPIS 802517  
BRANCHIOSTEGIDAE  
LATILUS SEMIFASCIATUS 802517  
CARANGIDAE 802517  
CEPOLIDAE  
CEPOLA PARCIRADIATA 802517  
CHAETODONTIDAE  
CHAETODON LUCIAE 802517  
CHAETODON MARCELLAE 802517  
CHAETODON HOEFLEI 802517  
EMMELICHTHYIDAE  
ERYTHROCLIS MONODI 802517  
SMARIS MACROPHthalmus 802517  
EPHIPPIDAE  
DREPANE AFRICANA 802517  
EPHIPPIUS GOREENSIS 802517  
GERREIDAE  
EUCINOSTOMUS MELANOPTERUS 802517  
KYPHOSIDAE  
BOOPS BOOPS 802517  
LETHRINIDAE  
LETHRINUS ATLANTICUS 802517  
LUTJANIDAE  
APSIUS FUSCUS 802517  
LUTJANUS FULGENS 802517  
LUTJANUS GOREENSIS 802517  
MULLIDAE  
MULLUS SURMULETUS 802517  
PSEUDUPENEUS PRAYENSIS 802517  
POMACENTRIDAE  
CHROMIS LINEATUS 802517  
POMADASYIDAE 802517  
POMATOMIDAE  
HYPOCLYDONIA BELLA 802517  
PRIACANTHIDAE

PRIACANTHUS ARENATUS	802517	CLUPEIDAE		SENSORY SYSTEMS
SCIAENIDAE	802517	CLUPEA HARENGUS	802583	(CONTINUED)
SERRANIDAE		FUNCTION		
ANTHIAS ANTHIAS	802517	TELEOSTEI	802543	
EPINEPHELUS AENEUS	802517			
NEANTHIAS ACCRAENSIS	802517			
SPARIDAE	802517			
POLYNEMOIDEI		LAPILLUS		
GALEOIDES DECADECTYLUS	802517	FUNCTION		
PENTANEMUS QUINQUARIUS	802517	ANOSTOMIDAE		
SCOMBRIDAE		ABRAMITES MICROCEPHALUS	801957	
SCOMBER SCOMBRUS	802517	CHARACIDAE		
TRICHIURIDAE		THAYERIA OBLIQUA	801957	
APHANOPUS CARBO	802517	CHILODONTIDAE		
TRICHIURUS LEPTURUS	802517	CHILODUS PUNCTATUS	801957	
SPHYRAENOIDEI		HEMIODONTIDAE		
SPHYRAENA DUBIA	802517	HEMIODUS SEMITAENIATUS	801957	
SPHYRAENA PISCATORUM	802517	LEBIASINIDAE		
ARIOMMIDAE		POECILOBRYCON EQUES	801957	
ARIOMMA LEDANOISI	802517			
ARIOMMA MULTISQUAMIS	802517			
STROMATEIDAE				
STROMATEUS FIATOLA	802517			
PERCOPHIDAE		SAGITTA		
BEMBROS HETERURUS	802517	MELAMPHAEIDAE		
TRACHINIDAE	802517	SCOPELOGADUS BISPINOSUS	802598	
URANOSCOPIDAE	802517	SCIAENIDAE		
BOTHIDAE		SCIAENOPS OCELLATA	801790	
LEPIDORHOMBUS WHIFFIAGONIS	802517	SERIPHUS POLITUS	802598	
PSETTA MAXIMA	802517	CENTROLOPHIDAE	802598	
CYNOGLOSSIDAE		ICHTHYS LOCKINGTONI	802598	
CYNOGLOSSUS CANARIENSIS	802517	TRIACANTHIDAE		
PLEURONECTIDAE	802517	TRIPODICHTHYS BLOCHI	801918	
SCOPHTHALMIDAE		TRIACANTHODIDAE	801918	
SCOPHTHALMUS RHOMBUS	802517	TRIACANTHODES ANOMALUS	801918	
SOLEIDAE		GRAMMICOLEPIDIDAE		
BUGLOSSIDIUM LUTEUM	802517	XENOLEPIDICHTHYS DALGLEISHI	801655	
DICOLOGLOSSA CUNEATA	802517	OREOSOMATIDAE		
SOLEA SOLEA	802517	PSEUDOCYTTUS MACULATUS	801655	
AGONIDAE		EXOCOETIDAE		
AGONUS CATAPHRACTUS	802517	OXYPORHAMPUS MICROPTERUS	802598	
LEPTAGONUS DECAONUS	802517	SCOMBERESOCIDAE		
COTTIDAE		COLLABIS SAIRA	802598	
COTTUNCULIDAE		ENGRAULIDAE		
COTTUNCULUS MICRUPS	802517	ENGRAULIS MORDAX	802598	
CYCLOPTERIDAE		CONGRIDAE	802598	
CAREPROCTUS REINHARDTII	802517	BATRACHOIDIFORMES		
CYCLOPTERUS LUMPUS	802517	PORICHTHYS	801188	
SCORPAENIDAE	802517	PORICHTHYS NOTATUS	802598	
TRIGLIDAE	802517	BREGMACEROTIDAE		
CAPROIDAE		BREGMACEROS BATHYMASTER	802598	
ANTIGONIA CAPROS	802517	MACROURIDAE	802598	
ZEIDAE		COELORHYNCHUS	802598	
ZENOPSIS CONCHIFER	802517	MERLUCCIIDAE		
ZEUS FABER	802517	MERLUCCIUS MERLUCCIUS	803131	
BELONIDAE		MERLUCCIUS PRODUCTUS	802598	
BELONE BELONE	802517	MERLUCCIUS SENEGALENSIS	803131	
EXOCOETIDAE		MORIDAE	802598	
CYPSSELURUS PINNATIBARBATUS	802517	OPHIDIIDAE		
CLUPEIDAE	802517	OTOPHIDIUM TAYLORI	802598	
ENGRAULIDAE		ARGENTINIDAE		
ENGRAULIS ENCRASICOLUS	802517	ARGENTINA SIALIS	802598	
MURANESOCIDAE		GLOSSANODON	802598	
PHYLLOGRAMMA REGANI	802517	NANSENIA	802598	
ALBULIDAE		BATHYLAGIDAE		
ALBULA VULPES	802517	BATHYLAGUS	802598	
ELOPIDAE		MYCTOPHIDAE	802598	
ELOPS LACERTA	802517	PARALEPIDIDAE		
NOTACANTHIDAE		STEMONOSUDIS	802598	
NOTACANTHUS PHASGANORUS	802517	SCOPELARCHIDAE		
BATRACHOIDIFORMES		BENTHABELLA	802598	
BATRACHOIDES DIDACTYLUS	802517	GONOSTOMATIDAE	802598	
GADIDAE	802517	ICHTHYOCOCCUS	802598	
MACROURIDAE	802517	VINCIGUERRIA LUCETIA	802598	
MERLUCCIIDAE		STERNOPTYCHIDAE		
MERLUCCIUS POLLI	802517	POLYIPNUS	802598	
MERLUCCIUS MERLUCCIUS	802517	ANATOMY		
MORIDAE	802517	FUNCTION		
OPHIDIIDAE		MELAMPHAEIDAE	801569	
BROTULA BARBATA	802517	IDENTIFICATION		
ZOARCIDAE		MYCTOPHIDAE		
LYCODES VAHLII	802517	LAMPADENA	803087	
LYCODES ESMARKI	802517	ABNORMALITY		
ZOARCES VIVIPARUS	802517	GADIDAE		
ANTENNARIIDAE		POLLACHIUS VIRENS	802924	
ANTENNARIUS SCABER	802517	DEVELOPMENT		
CHAUNACIDAE		MERLUCCIIDAE		
CHAUNAX PICTUS	802517	MERLUCCIUS CADENATI	803131	
LOPHIIDAE		ANATOMY		
LOPHIUS PISCATORIUS	802517	ABNORMALITY		
ALEPOCEPHALOIDEI		SERRANIDAE		
ALEPOCEPHALUS BAIRDII	802517	DICENTRARCHUS LABRAX	802669	
ARGENTINIDAE				
ARGENTINA SPHYRAENA	802517			
ARGENTINA SILUS	802517			
AULOPODIDAE		SOUND RECEPTION		
AULOPUS CADENATI	802517	CARCHARINIDAE		
SYNODONTIDAE		CARCHARINUS	802409	
SAURIDA PARRI	802517	NEGAPRION BREVIROSTRIS	802226	
TRACHINOCEPHALUS MYOPS	802517	RHIZOPRIONODON	802409	
GONOSTOMATIDAE		ORECTOLOBIDAE		
MAUROLICUS MUELLERI	802517	GINGLYMOSTOMA CIRRTATUM	802409	
BIOCHEMISTRY		TELEOSTEI	801666	
DEVELOPMENT			802543	
SALMONIDAE		LUTJANIDAE	802409	
SALMO GAIRDNERII	801852			
ABNORMALITY				

**SENSORY SYSTEMS  
(CONTINUED)**

POMADASYIDAE	
HAEMULON ALBUM	802409
SERRANIDAE	802409
GADIDAE	
POLLACHIUS POLLACHIUS	801950
POLLACHIUS VIRENS	801950
EXPERIMENTAL ANALYSIS	
PERCIDAE	
ACERINA CERNUA	800962
STIZOSTEDION SANDRA	800962

**AURAL SENSITIVITY AND ACUITY**

PERCIDAE	
PERCA FLUVIATILIS	800837
COTTIDAE	
COTTUS GOBIO	800837
ANGUILLIDAE	
ANGUILLA ANGUILLA	800837
COBITIDAE	
NOEMACHEILUS BARBATULUS	800837
CYPRINIDAE	
CARASSIUS AURATUS	801774
CYPRINUS CARPIO	800837
LEUCISCUS LEUCISCUS	800837
PHOXINUS PHOXINUS	800837
RUTILUS RUTILUS	800837
SQUALIUS CEPHALUS	800837
TINCA TINCA	800837
ESOCIDAE	
ESOX LUCIUS	800837
SALMONIDAE	
SALMO TRUTTA	800837
THYMALLUS THYMALLUS	800837
NERVOUS ELECTROPHYSIOLOGY	
COTTIDAE	
COTTUS SCORPIUS	802263
EXPERIMENTAL ANALYSIS	
GADIDAE	
GADUS MORHUA	802422

**AUDIOGRAM**

PERCIDAE	
ACERINA CERNUA	800962
STIZOSTEDION SANDRA	800962

**BIOPHYSICS OF SOUND**

TELEOSTEI	802543
	800837
BONE	
AXIAL SKELETAL MUSCLES	
SALMONIDAE	
COREGONUS CLUPEAFORMIS	801469

**ELECTRICAL SENSES**

MALAPTERURIDAE	
MALAPTERURUS ELECTRICUS	800677

**ELECTRICAL SENSITIVITY**

MIGRATIONS	
SALMONIDAE	802961

**GALVANOTAXIS**

CYPRINIDAE	
CARASSIUS AURATUS	800660

**ELECTRORECEPTION ORGANS**

ANATOMY	
MORMYRIDAE	800642
FUNCTION	
GYMNOTIDAE	
HYPOPOMUS	800824
APTERONOTIDAE	
STERNARCHUS LEPTORHYNCHUS	801373
GYMNOTIDAE	
EIGENMANNIA	801373
RHAMPHICHTHYIDAE	
HYPOPOMUS	801373
ICTALURIDAE	
ICTALURUS NEBULOSUS	802364
EXPERIMENTAL ANALYSIS	
RHAMPHICHTHYIDAE	
STEATOGENYS	801146
ICTALURIDAE	
ICTALURUS NEBULOSUS	800162

**MORMYROMASTS**

ANATOMY	
MORMYRIDAE	
GNATHONEMUS PETERSII	800637
	800642
GNATHONEMUS RHYNCHOPHORUS	800637
PETROCEPHALUS SIMUS	800637
FUNCTION	
MORMYRIDAE	
GNATHONEMUS PETERSII	800642
PETROCEPHALUS SIMUS	800642

**AMPULLAE OF LORENZINI**

NERVOUS ELECTROPHYSIOLOGY	
RAJIDAE	
RAJA	802183
BIOCHEMISTRY	
CHIMAEROMORPHA	
CHIMAERA MONSTROSA	800260
HYDROLAGUS AFFINIS	800260
RAJIDAE	
RAJA MONTAGUI	800260
RAJA CLAVATA	800260
RAJA BATIS	800260
RAJA NAEVUS	800260
RAJA MICROCELLATA	800260
RAJA BRACHYURUS	800260
TORPEDINIDAE	
TORPEDO NOBILIANA	800260
CARCHARHINIDAE	
GALEORHINUS GALEUS	800260
GALEUS MELANISTOMUS	800260
PRIONACE GLAUCA	800260
CETORHINIDAE	
CETORHINUS MAXIMUS	800260
SCYLIORHINIDAE	
SCYLIORHINUS CANICULUS	800260
SCYLIORHINUS STELLARIS	800260
SQUALIDAE	
SQUALUS ACANTHIAS	800260

**AMPULLARY RECEPTORS**

APTERONOTIDAE	800399
ELECTROPHORIDAE	
ELECTROPHORUS ELECTRICUS	800399
GYMNOTIDAE	800399
RHAMPHICHTHYIDAE	800399
ULTRASTRUCTURE	
APTERONOTIDAE	800399
ELECTROPHORIDAE	
ELECTROPHORUS ELECTRICUS	800399
GYMNOTIDAE	800399
RHAMPHICHTHYIDAE	800399
FUNCTION	
APTERONOTIDAE	800399
GYMNOTIDAE	800399
RHAMPHICHTHYIDAE	800399
DESCRIPTIVE EVOLUTION	
APTERONOTIDAE	800399
GYMNOTIDAE	800399
RHAMPHICHTHYIDAE	800399

**TUBEROUS RECEPTORS**

ANATOMY	
MORMYRIDAE	
GNATHONEMUS PETERSII	800637
	800642
GNATHONEMUS RHYNCHOPHORUS	800637
PETROCEPHALUS SIMUS	800637
ULTRASTRUCTURE	
FUNCTION	
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CORTISOL			CYPRINIDAE		ENDOCRINE SYSTEM (CONTINUED)
BIOCHEMICAL TECHNIQUES			TINCA TINCA	801813	
SALMONIDAE	802284		BIOCHEMISTRY		
BIOCHEMISTRY			SCYLIIORHINIINAE	802172	
GADIDAE			SCYLIIORHINUS		
GADUS MORHUA	801358		EXPERIMENTAL ANALYSIS		
SALMONIDAE	801358		COLORATION		
FUNCTION			CYPRINIDAE		
SENESCENCE			PHOXINUS PHOXINUS	803120	
SALMONIDAE			EFFECT ON FISH		
ONCORHYNCHUS NERKA	801741		AGGRESSIVE BEHAVIOR		
EXPERIMENTAL ANALYSIS			BELONTIIDAE		
ANGUILLIDAE			BETTA SPLENDENS	801769	
ANGUILLA ANGUILLA	800994				
EFFECT ON FISH					
CHIMAEROMORPHA			PANCREATIC ISLETS		
HYDROLAGUS COLLIEI	801421		HISTOLOGY		
SQUALIDAE			CHIMAEROMORPHA		
SQUALUS ACANTHIAS	801421		HYDROLAGUS COLLIEI	801421	
CYPRINODONTIDAE			RAJIDAE	801421	
FUNDULUS HETEROCLITUS	801075		RAJA BINOCULATA	801421	
ANGUILLIDAE	800634		SQUALIDAE		
ANGUILLA ANGUILLA			SQUALUS ACANTHIAS	801421	
ION AND WATER RELATIONSHIPS			SCOMBRIDAE	801650	
ANGUILLIDAE	801304		CYPRINIDAE	803331	
ANGUILLA ANGUILLA	801359		LOPHIIDAE		
ANGUILLA JAPONICA			LOPHIUS PISCATORIUS	800774	
CORTICOTROPH			ULTRASTRUCTURE		
POECILIIDAE			CYPRINIDAE		
XIPHOPHORUS HELLERII	801520		CYPRINUS CARPIO	801387	
			CYTOTOLOGY		
CORTICOSTERONE			SALMONIDAE		
BIOCHEMISTRY			SALVELINUS LEUCOMAENIS	801096	
RAJIDAE			BIOCHEMISTRY		
RAJA RADIATA	801358		RNA CONTENT AND FUNCTION		
EFFECT ON FISH			GADIDAE	801170	
CHIMAEROMORPHA			GADUS MORHUA		
HYDROLAGUS COLLIEI	801421		EXPERIMENTAL ANALYSIS		
SQUALIDAE			GLUCOSE CONTENT		
SQUALUS ACANTHIAS	801421		CYPRINIDAE		
			CYPRINUS CARPIO	803033	
			BATRACHOIDIFORMES		
			OPSANUS TAU	803268	
ALDOSTERONE					
EFFECT ON FISH			INSULIN		
ANGUILLIDAE			STRUCTURE		
ANGUILLA ANGUILLA	800634		GADIDAE		
			GADUS MORHUA	800091	
			ULTRASTRUCTURE		
			GADIDAE	801749	
ADRENAL MEDULLA			GADUS MORHUA		
FUNCTION			BIOCHEMISTRY		
NORADRENALINE			LOPHIIDAE	800774	
SCYLIIORHINIINAE			LOPHIUS PISCATORIUS		
SCYLIIORHINUS	802172		EXPERIMENTAL ANALYSIS		
RESERPINE			BATRACHOIDIFORMES		
EXPERIMENTAL ANALYSIS			OPSANUS TAU	803268	
CHANNIFORMES			DEVELOPMENT		
OPHICEPHALUS PUNCTATUS	803483		GADIDAE		
ANABANTIDAE			GADUS MORHUA	801171	
ANABAS TESTUDINEUS	803483		DESCRIPTIVE EVOLUTION	803455	
BAGRIDAE			EFFECT ON FISH		
MYSTUS GULIO	803483		CHIMAEROMORPHA		
			HYDROLAGUS COLLIEI	801421	
			SQUALIDAE		
			SQUALUS ACANTHIAS	801421	
			GLUCOSE CONTENT		
			SEASONAL CHANGES		
			BATRACHOIDIFORMES		
			OPSANUS TAU	801355	
			OXIDATIVE METABOLISM		
			PETROMYZONTOMORPHA		
			LAMPETRA FLUVIATILIS	801360	
			DASYATIDAE		
			DASYATIS PASTINACA	801360	
			EMMELICHTHYIDAE		
			SPICARA SMARIS	801360	
			SCORPAENIDAE		
			SCORPAENA PORCUS	801360	
			PANCREATIC ISLETS		
			OXIDATIVE METABOLISM		
			HETEROPNEUSTIDAE		
			HETEROPNEUSTES FOSSILIS	803493	
			LARVA		
			PETROMYZONTOMORPHA		
			LAMPETRA PLANERI	801360	
			GASTROINTESTINAL HORMONES		
			ELASMOBRANCHII	802241	
			TELEOSTEI	802241	
			CORPUSCLES OF STANNIUS		
			HISTOLOGY		
			BIOCHEMISTRY		
			FUNCTION		
			BELONTIIDAE		
NORADRENALINE					
ORECTOLOBIDAE					
GINGLYMOSTOMA CIRRTUM	800574				
SQUALIDAE					
SQUALUS ACANTHIAS	800574				
SEASONAL CHANGES					



CARASSIUS AURATUS	802520				801325	RESPIRATORY SYSTEM
				PROTOPTERUS AMPHIBIUS	800233	(CONTINUED)
				PROTOPTERUS DOLLOI	801625	
				RHIPIDISTIA	802622	
				TELEOSTEI	800139	
					801501	
<b>GILL VENTILATION MECHANICS</b>						
ELASMOBRANCHII	800139			ANABANTIDAE		
SCYLIORHINIDAE				ANABAS TESTUDINEUS	801757	
SCYLIORHINUS CANICULUS	802236			Gobiidae		
SCYLIORHINUS STELLARIS	801172			GILlichthys mirabilis	800156	
AMOMORPHA				PERIOPHTHALMUS KOELREUTERI	802276	
AMIA CALVA	802121			AMPHIPNOIDAE		
TELEOSTEI	800139			AMPHIPNOUS CUCHIA	800688	
ISTIOPHORIDAE				REGULATORY RESPIRATORY MECHANISMS		
TETRAPTERUS AUDAX	802121			ELECTROPHORIDAE		
SCOMBRIDAE	802121			ELECTROPHORUS ELECTRICUS	802363	
XIPHIIDAE				BREATHING		
XIPHIAS GLADIUS	802121			Gobiidae		
SALMONIDAE				PERIOPHTHALMUS CHRYSOSPILOS	803213	
SALMO TRUTTA	800676			PERIOPHTHALMUS KALOLO	803213	
EXPERIMENTAL ANALYSIS				PERIOPHTHALMUS SOBRINUS	803213	
CALLIONYMOIDEI				DESCRIPTIVE EVOLUTION		
CALLIONYMUS LYRA	802237			DIPNOI	800926	
	802238				803432	
	802239			LEPIDOSIREN PARADOXA	800617	
				NEOCERATODUS FORSTERI	800617	
				PROTOPTERUS AETHIOPICUS	800617	
				TELEOSTEI	803432	
<b>OXYGEN TRANSPORT</b>				<b>GILL EXCRETION</b>		
ORECTOLOBIDAE				SQUALIDAE		
GINGLYMOSTOMA CIRRATUM	802176			SQUALUS ACANTHIAS	801340	
SCYLIORHINIDAE				EXPERIMENTAL ANALYSIS		
SCYLIORHINUS CANICULUS	802236			PETROMYZONTOMORPHA		
SCYLIORHINUS STELLARIS	801173			ENTOSPHEENUS TRIDENTATUS	803132	
	801174			SQUALIDAE		
DIPNOI				SQUALUS ACANTHIAS	801285	
PROTOPTERUS AETHIOPICUS	801324					
CALLIONYMOIDEI						
CALLIONYMUS LYRA	802237					
CYPRINIDAE						
CARASSIUS AURATUS	800915					
	801142					
SALMONIDAE				<b>ACCESSORY RESPIRATORY ORGANS</b>		
SALMO	802235			DIPNOI	800139	
EXPERIMENTAL ANALYSIS				POLYPTEROMORPHA	800139	
TEMPERATURE				TELEOSTEI	800139	
ANGUILLIDAE				BLENNIIDAE		
ANGUILLA ANGUILLA	802687			LOPHALICUS KIRKII	800018	
				Gobiidae		
				PERIOPHTHALMUS	800018	
				AMPHIPNOIDAE		
				AMPHIPNOUS CUCHIA	800688	
<b>CARBON DIOXIDE TRANSPORT</b>				DESCRIPTIVE EVOLUTION		
SCYLIORHINIDAE				DIPNOI	802622	
SCYLIORHINUS STELLARIS	801173			RHIPIDISTIA	802622	
	801174					
DIPNOI						
PROTOPTERUS AETHIOPICUS	801324					
CYPRINIDAE				<b>SKIN RESPIRATION</b>		
CARASSIUS AURATUS	800915			DIPNOI		
	801142			PROTOPTERUS AETHIOPICUS	801324	
SALMONIDAE				PROTOPTERUS DOLLOI	801625	
SALMO	802235			ELECTROPHORIDAE		
				ELECTROPHORUS ELECTRICUS	802363	
<b>NITROGEN TRANSPORT</b>						
SALMONIDAE				<b>ORAL RESPIRATION</b>		
SALMO GAIRDNERII	802262			ELECTROPHORIDAE		
EXPERIMENTAL ANALYSIS				ELECTROPHORUS ELECTRICUS	803432	
CYPRINIDAE				HISTOLOGY		
CYPRINUS CARPIO	800466			ELECTROPHORIDAE		
				ELECTROPHORUS ELECTRICUS	801392	
<b>CHLORIDE CELLS</b>						
SALMONIDAE				<b>BRANCHIAL DIVERTICULA</b>		
ONCORHYNCHUS TSHAWYTSCHA	800258			ANATOMY		
ULTRASTRUCTURE				HISTOLOGY		
CYPRINIDAE				ANABANTIDAE		
CARASSIUS AURATUS	800294			ANABAS TESTUDINEUS	801757	
FUNCTION				ULTRASTRUCTURE		
ANGUILLIDAE				ANABANTIDAE		
ANGUILLA ANGUILLA	801365			ANABAS TESTUDINEUS	801987	
FUNCTION				FUNCTION		
CYPRINODONTIDAE				Gobiidae		
FUNDULUS KANSAS	802262			PERIOPHTHALMUS SOBRINUS	802217	
FUNDULUS HETEROCLITUS	802262					
SALMONIDAE						
SALMO GAIRDNERII	802262					
MIGRATIONS						
SALMONIDAE						
SALMO SALAR	803459					
DEVELOPMENT				<b>GUT RESPIRATION</b>		
Gobiidae				CALLICHTHYIDAE		
CHAENOGOBIOUS UROTAENIA	802892			HOPLOSTERNUM LITTORALE	803432	
<b>AERIAL RESPIRATION</b>				<b>LUNG</b>		
DIPNOI	801501			FUNCTION		
LEPIDOSIREN PARADOXA	801625			DIPNOI		
PROTOPTERUS AETHIOPICUS	801324			LEPIDOSIREN PARADOXA	801625	

RESPIRATORY SYSTEM (CONTINUED)	PROTOPTERUS DOLLOI PROTOPTERUS AETHIOPICUS	801625 801324 801325	ANABAS TESTUDINEUS	800741
GAS BLADDER	EXPERIMENTAL ANALYSIS DIPNOI PROTOPTERUS DOLLOI	800926	<b>GAS BLADDER</b>	
	DESCRIPTIVE EVOLUTION DIPNOI	803401	GADOPSIDAE	803019
	CHONDROSTEI	803401	GADOPSIS MARMORATUS	
	POLYPTEROMORPHA	803401	PEMPHERIDAE	
	LACTATE DEHYDROGENASE		PARAPRIACANTHUS	802959
	BIOCHEMISTRY		PEMPHERIS	802959
	DIPNOI		TRIACANTHIDAE	
	LEPIDOSIREN PARADOXA	801621	TRIXIPHICHTHYS WEBERI	801918
			TRIACANTHODIDAE	
<b>GAS BLADDER RESPIRATION</b>			PARAHOLLARDIA LINEATA	801918
OSTEOGLOSSIDAE			CYPRINIDAE	
ARAPAIMA GIGAS	800631		ABRAMIS BRAMA	803126
HETEROTIS NILOTICUS	800631		RUTILUS RUTILUS	803126
			RUTILUS RUTILUS X	
			ABRAMIS BRAMA X	803126
			CAPTIVE VS NATURAL FISH	
			CYPRINIDAE	
			CYPRINUS CARPIO	801551
			<b>ANATOMY</b>	
			CHANNIFORMES	
			CHANNA STRIATA	801942
			OPHICEPHALUS STRIATUS	801942
<b>EXTERNAL GILLS</b>			LAMPRIDIFORMES	
DEVELOPMENT			RADIICEPHALUS ELONGATUS	800331
DIPNOI			ANABANTIDAE	
PROTOPTERUS AMPHIBIUS	800233		ANABAS TESTUDINEUS	801942
			BELONTIIDAE	
			TRICHOGASTER PECTORALIS	801942
			TRICHOGASTER TRICHOPTERUS	801942
<b>AQUATIC VS TERRESTRIAL RESPIRATION</b>			GOBIIDAE	
TELEOSTEI	800516		GLOSSOGOBIOUS GIURUS	801942
OXYGEN TRANSPORT			CICHLIDAE	
CARBON DIOXIDE TRANSPORT			TILAPIA MOSSAMBICA	801942
DIPNOI	803432		SCIAENIDAE	
TELEOSTEI	803432		DENDROPHYSA	803425
			JOHNIUS	803425
			NIBEIA	803425
			OTOLITHES	803425
			OTOLITHOIDES BRUNNEUS	803425
<b>REGULATORY RESPIRATORY MECHANISMS</b>			THERAPONIDAE	
SQUALIDAE			THERAPON PLUMBEUS	801942
SQUALUS ACANTHIAS	802261		BALISTIDAE	800012
DIPNOI			EXOCOETIDAE	
PROTOPTERUS	803432		HEMIRAMPHUS GEORGII	801942
CALLIONYMOIDEI			DENTICIPITIDAE	
CALLIONYMUS LYRA	802237		DENTICEPS CLUPEOIDES	800265
ELECTROPHORIDAE			PROCHILODONTIDAE	
ELECTROPHORUS ELECTRICUS	803432		PROCHILODUS INSIGNIS	800630
SALMONIDAE			CYPRINIDAE	
SALMO	802235		CYPRINUS CARPIO	801942
EXPERIMENTAL ANALYSIS			BAGRIDAE	
CARCHARHINIDAE			PELTEOBAGRUS NITIDUS	802896
MUSTELUS ANTARCTICUS	800909		CLARIIDAE	
SCYLIORHINIDAE			CLARIAS BATRACHUS	801942
CEPHALOSCYLLIUM ISABELLA	800909		OSTEOGLOSSIDAE	
HETERODONTIFORMES			ARAPAIMA GIGAS	800631
HETERODONTUS PORTUSJACKSONI	800909		HETEROTIS NILOTICUS	800631
SQUALIDAE			OSTEOGLOSSUM BICIRRHOSUM	800631
SQUALUS ACANTHIAS	800909		SCLEROPAGES FORMOSUS	800631
DIPNOI			<b>FUNCTION</b>	
PROTOPTERUS AETHIOPICUS	801325		PROCHILODONTIDAE	
DEVELOPMENT			PROCHILODUS INSIGNIS	800630
BATRACHOIDIFORMES			OSTEOGLOSSIDAE	
OPSANUS TAU	801952		ARAPAIMA GIGAS	800631
			HETEROTIS NILOTICUS	800631
			OSTEOGLOSSUM BICIRRHOSUM	800631
			SCLEROPAGES FORMOSUS	800631
<b>ASPHYXIATION</b>			<b>HISTOLOGY</b>	
GOBIIDAE			<b>FUNCTION</b>	
PERIOPHTHALMUS AUSTRALIS	800209		INNERVATION	
EFFECT ON FISH			GAS BLADDER MUSCLES	
HEART			SALMONIDAE	
BREATHING			ONCORHYNCHUS NERKA	802419
CENTRARCHIDAE			<b>BIOCHEMISTRY</b>	
LEPOMIS MACROCHIRUS	801199		LIPID AND FATTY ACID CONTENT	
ICTALURIDAE			<b>FUNCTION</b>	
ICTALURUS NEBULOSUS	801199		CARBOHYDRATE CONTENT	
SALMONIDAE			MOCHOKIDAE	
SALMO GAIRDNERII	801199		SYNODONTIS SCHALL	801167
			<b>FUNCTION</b>	
<b>PSEUDOBANCH</b>			TELEOSTEI	800793
ANABANTIDAE				801501
ANABAS TESTUDINEUS	800741			800012
TRIACANTHIDAE			BALISTIDAE	
PSEUDOTRIACANTHUS STRIGILIFER	801918		CYPRINIDAE	
TRIXIPHICHTHYS WEBERI	801918		RHINICHTHYS CATARACTAE	802412
TRIACANTHODIDAE			SOUND RECEPTION	
JOHNSONINA ERIOMMA	801918		TELEOSTEI	802543
PARATRIACANTHODES RETROSPINIS	801918		HYDROSTATICS	
TRIACANTHODES ETHIOPS	801918		TELEOSTEI	802543
<b>ANATOMY</b>			<b>EXPERIMENTAL ANALYSIS</b>	
ANABANTIDAE			SALMONIDAE	
ANABAS TESTUDINEUS	800741		SALMO GAIRDNERII	800571
<b>HISTOLOGY</b>			SALVELINUS FONTINALIS	800571
ANABANTIDAE			<b>COLLAGEN</b>	
ANABAS TESTUDINEUS	800741		BIOCHEMISTRY	
<b>FUNCTION</b>			CYPRINIDAE	
ANABANTIDAE			CYPRINUS CARPIO	801802
			LACTATE DEHYDROGENASE	
			BIOCHEMISTRY	
			ELECTROPHORIDAE	
			ELECTROPHORUS ELECTRICUS	801621



<b>GAS SECRETING AND ABSORBING STRUCTURES</b>		<b>HOLOSTEI</b>	<b>803403</b>	<b>GAS BLADDER</b>
TELEOSTEI	<b>800139</b>	TELEOSTEI	<b>803403</b>	(CONTINUED)
FUNCTION				
SCORPAENIDAE				
SEBASTODES MINIATUS	<b>800792</b>			CIRCULATORY SYSTEM
EXPERIMENTAL ANALYSIS				
CYPRINIDAE				
RHINICHTHYS CATARACTAE	<b>802412</b>			
<b>SOUND PRODUCING GAS BLADDER</b>		<b>CAPILLARY SYSTEMS</b>		
TELEOSTEI	<b>801666</b>	MORMYRIDAE	<b>800642</b>	
		ULTRASTRUCTURE		
		BRAIN		
		ORECTOLOBIDAE		
		GINGLYMOSTOMA CIRRATUM	<b>801341</b>	
		GILLS		
		ANABANTIDAE		
		ANABAS TESTUDINEUS	<b>801987</b>	
		DEVELOPMENT		
		CHANNIFORMES		
		CHANNA STRIATA	<b>800325</b>	
		OPHICEPHALUS MARULIUS	<b>800325</b>	
<b>GAS BLADDER CAPACITY</b>				
SCOMBRIDAE				
THUNNUS ALBACARES	<b>800154</b>			
THUNNUS OBESUS	<b>800154</b>			
<b>CIRCULATORY SYSTEM</b>		<b>BLOOD SYSTEM FOR AIR BREATHING</b>		
FUNCTION		DIPNOI	<b>803005</b>	
MYXINOMORPHA	<b>801501</b>		<b>803432</b>	
TELEOSTEI	<b>801501</b>			
		ANABANTIDAE		
		ANABAS TESTUDINEUS	<b>801757</b>	
		AMPHIPNOIDAE		
		AMPHIPNOUS CUCHIA	<b>800688</b>	
		SYNBRANCHIDAE		
		SYNBRANCHUS	<b>803432</b>	
		ELECTROPHORIDAE		
		ELECTROPHORUS ELECTRICUS	<b>803432</b>	
		CALLICHTHYIDAE		
		HOPLOSTERNUM LITTORALE	<b>803432</b>	
<b>ARTERIAL SYSTEM</b>		ANATOMY		
ADENOHYPOPHYSIS		ELECTROPHORIDAE		
POLYPTEROMORPHA		ELECTROPHORUS ELECTRICUS	<b>801392</b>	
CALAMOICHTHYS CALABARICUS	<b>801357</b>	FUNCTION		
POLYPTERUS PALMAS	<b>801357</b>	DIPNOI		
GILLS		PROTOPTERUS AETHIOPICUS	<b>801325</b>	
CLUPEIDAE		ELECTROPHORIDAE		
ALOSA PONTICA	<b>801089</b>	ELECTROPHORUS ELECTRICUS	<b>802363</b>	
CLUPEONELLA CULTRIVENTRIS	<b>801089</b>	ANATOMY		
ENGRAULIDAE		DIPNOI		
ENGRAULIS ENCRASICOLUS	<b>801089</b>	PROTOPTERUS AETHIOPICUS	<b>802257</b>	
GADIDAE				
ODONTOGADUS MERLANGUS	<b>803029</b>			
ESOCIDAE				
ESOX LUCIUS	<b>801089</b>			
SALMONIDAE				
SALMO TRUTTA	<b>801089</b>			
ANATOMY		<b>HEART</b>		
EYE		ALBULIDAE		
ELASMOBRANCHII	<b>801349</b>	ALBULA NEMOPTERA	<b>801822</b>	
ADENOHYPOPHYSIS		DNA CONTENT AND FUNCTION		
FUNCTION		RNA CONTENT AND FUNCTION		
NEUROHYPOPHYSIS		CARANGIDAE		
SALMONIDAE		SERIOLA QUINQUERADIATA	<b>802889</b>	
SALVELINUS FONTINALIS	<b>801342</b>	SCORPAENIDAE	<b>802889</b>	
GILLS		SEBASTES VULPES	<b>802889</b>	
DESCRIPTIVE EVOLUTION		CYPRINIDAE	<b>802889</b>	
CYPRINIDAE	<b>801382</b>	CYPRINUS CARPIO	<b>802889</b>	
ABNORMALITY		SALMONIDAE	<b>802889</b>	
POECILIIDAE		LDH ISOENZYMES		
POECILIA RETICULATA	<b>803470</b>	INHERITANCE		
DEVELOPMENT		SALMONIDAE		
GILLS		SALMO GAIRDNERII	<b>801831</b>	
GOBIIDAE		SALMO TRUTTA	<b>801831</b>	
CHAENOGOBIOUS UROTAENIA	<b>802892</b>	SALVELINUS FONTINALIS	<b>801831</b>	
HEAD		ANATOMY		
AMIO MORPHA		GADIDAE		
AMIA CALVA	<b>803406</b>	ODONTOGADUS MERLANGUS	<b>803029</b>	
DESCRIPTIVE EVOLUTION		FUNCTION		
ELASMOBRANCHII	<b>803403</b>	MYXINOMORPHA	<b>803004</b>	
DIPNOI	<b>803403</b>	ELASMOBRANCHII	<b>803004</b>	
CHONDROSTEI	<b>803403</b>	DIPNOI	<b>803005</b>	
HOLOSTEI	<b>803403</b>	TELEOSTEI	<b>803004</b>	
TELEOSTEI	<b>803403</b>	HEXAGRAMMIDAE		
		OPHIODON ELONGATUS	<b>803004</b>	
		SALMONIDAE		
		SALMO GAIRDNERII	<b>803004</b>	
<b>VENOUS SYSTEM</b>		ULTRASTRUCTURE		
GILLS		SALMONIDAE		
CLUPEIDAE		SALMO TRUTTA	<b>800935</b>	
ALOSA PONTICA	<b>801089</b>	BIOCHEMISTRY		
CLUPEONELLA CULTRIVENTRIS	<b>801089</b>	CARANGIDAE		
ENGRAULIDAE		SERIOLA QUINQUERADIATA	<b>801593</b>	
ENGRAULIS ENCRASICOLUS	<b>801089</b>	CICHLIDAE		
GADIDAE		TILAPIA MOSSAMBICA	<b>801593</b>	
ODONTOGADUS MERLANGUS	<b>803029</b>	ANGUILLIDAE		
ESOCIDAE		ANGUILLA JAPONICA	<b>801593</b>	
ESOX LUCIUS	<b>801089</b>	CYPRINIDAE	<b>801593</b>	
SALMONIDAE		SALMONIDAE		
SALMO TRUTTA	<b>801089</b>	SALMO GAIRDNERII	<b>801593</b>	
HISTOLOGY		OXIDATIVE METABOLISM		
BLOOD VESSEL MUSCULATURE		DASYATIDAE		
CYPRINIDAE		DASYATIS PASTINACA	<b>801360</b>	
CYPRINUS CARPIO	<b>803175</b>	SCORPAENIDAE		
DEVELOPMENT		SCORPAENA PORCUS	<b>801360</b>	
HEAD		ABNORMALITY		
AMIO MORPHA		MIGRATIONS		
AMIA CALVA	<b>803406</b>	SALMONIDAE		
DESCRIPTIVE EVOLUTION		SALMO GAIRDNERII	<b>803381</b>	
ELASMOBRANCHII	<b>803403</b>	EPIZOOTICS		
DIPNOI	<b>803403</b>	SALMONIDAE		
CHONDROSTEI	<b>803403</b>	SALMO TRUTTA	<b>803286</b>	
		FUNCTION		

CIRCULATORY SYSTEM (CONTINUED)	MYXINOMORPHA EPTATRETUS STOUTII	801501 800567	SALMO GAIRDNERII	802512
BLOOD AND LYMPH	CARCHARINIDAE MUSTELUS ANTARCTICUS	800909		
	SCYLIORHINIDAE CEPHALOSCYLLIUM ISABELLA	800909	ORGAN OF LEYDIG	
	HETERODONTIFORMES HETERODONTUS PORTUSJACKSONI	800909	ANATOMY	
	SQUALIDAE SQUALUS ACANTHIAS	800909	RAJIDAE	
	DIPNOI PROTOPTERUS AETHIOPICUS	802257	RAJA BATIS	800669
	TELEOSTEI CALLIONYMOIDEI	801501	RAJA LINTEA	800669
	CALLIONYMUS LYRA	802237	RAJA RADIATA	800669
	ELECTROPHORIDAE ELECTROPHORUS ELECTRICUS	802363	SQUALIDAE	
	SALMONIDAE SALMO	802235	ETMOPTERUS SPINAX	800669
	ANATOMY		SQUALUS ACANTHIAS	800669
	ANABANTIDAE ANABAS SCANDENS	802928	FUNCTION	
EXPERIMENTAL ANALYSIS	INNEVATION		RAJIDAE	
	AMOMORPHA AMIA CALVA	803026	RAJA LINTEA	800669
	SALMONIDAE SALVELINUS FONTINALIS	803026	RAJA BATIS	800669
ADRENALINE	MYXINOMORPHA MYXINE GLUTINOSA	803026	RAJA RADIATA	800669
	SEMIONOTOMORPHA LEPISOSTEUS OSSEUS	803026	SQUALIDAE	
	SALMONIDAE SALVELINUS FONTINALIS	803026	ETMOPTERUS SPINAX	800669
TEMPERATURE	MYXINOMORPHA MYXINE GLUTINOSA	803026	SQUALUS ACANTHIAS	800669
	SEMIONOTOMORPHA LEPISOSTEUS OSSEUS	803026		
	ANGUILLIDAE ANGUILLA ANGUILLA	802687		
	SALMONIDAE SALVELINUS FONTINALIS	803026		
WATER PRESSURE	ZOARCIDAE ZOARCES VIVIPARUS	802907		
SALINITY	MYXINOMORPHA MYXINE GLUTINOSA	803026	HEMOPOIESIS	
OXYGEN	CENTRARCHIDAE LEPOMIS MACROCHIRUS	800365	PERCIDAE	
	ICTALURIDAE ICTALURUS NEBULOSUS	800365	PERCA FLUVIATILIS	802512
	SALMONIDAE SALMO GAIRDNERII	800365	CYPRINIDAE	802512
TRANSAMINASE	BIOCHEMISTRY SALMONIDAE	802427	ICTALURIDAE	
	ONCORHYNCHUS		ICTALURUS NEBULOSUS	802512
HEART NERVE SUPPLY			SALMONIDAE	
FUNCTION			ONCORHYNCHUS KETA	802362
TRIGLIDAE			SALMO GAIRDNERII	802512
PRIONOTUS CAROLINUS		802185	EXPERIMENTAL ANALYSIS	
EXPERIMENTAL ANALYSIS			CYPRINODONTIDAE	
ANGUILLIDAE			FUNDULUS HETEROCLITUS	801075
ANGUILLA ANGUILLA		802661	RADIOACTIVITY	
			CYPRINIDAE	
			CARASSIUS AURATUS	801608
SPLEEN				
DNA CONTENT AND FUNCTION			BLOOD AND LYMPH	
RNA CONTENT AND FUNCTION			GLUCOSE CONTENT	
CARANGIDAE			SALMONIDAE	
SCORPAENIDAE			SALMO TRUTTA	801193
SEBASTES VULPES		802889	THYMALLUS THYMALLUS	801193
CYPRINIDAE			STARVATION	
CYPRINUS CARPIO		802889	CHIMAEROMORPHA	
SALMONIDAE		802889	HYDROLAGUS COLLIEI	801421
ANATOMY			SQUALIDAE	
HISTOLOGY			SQUALUS ACANTHIAS	801421
CHANNIFORMES			DNA CONTENT AND FUNCTION	
CHANNA GACHUA		802937	RNA CONTENT AND FUNCTION	
CHANNA PUNCTATA		802937	CYPRINIDAE	
CHANNA STRIATA		802937	CYPRINUS CARPIO	802889
HEMOSIDERIN			SALMONIDAE	
HISTOLOGY			SALMO GAIRDNERII	802889
CENTRARCHIDAE			ION AND WATER RELATIONSHIPS	
LEPOMIS MACROCHIRUS		802699	SALMONIDAE	
			ONCORHYNCHUS KETA	802919
HEADKIDNEY			BIOCHEMISTRY	
ANATOMY			ICTALURIDAE	
HISTOLOGY			ICTALURUS PUNCTATUS	801410
CYPRINIDAE		802512	VITAMIN A	
ICTALURIDAE		802512	GADIDAE	
ICTALURUS NEBULOSUS		802512	GADUS MORHUA	800178
SALMONIDAE			EXPERIMENTAL ANALYSIS	
			STARVATION	
			GADIDAE	
			LOTA LOTA	803501
			CALCIUM	
			BIOCHEMISTRY	
			GADIDAE	
			GADUS MORHUA	800177
			ERYTHROCYTES	
			CARCHARINIDAE	
			CARCHARINUS MELANOPTERUS	802194
			SCYLIORHINIDAE	
			CHILOSCYLLIUM GRESHIUM	803055
			ACANTHURIDAE	802194
			GOBIIDAE	
			AMBLYGOBIUS ALBIMACULATUS	802194
			BATHYGObIUS FUSCUS	802194
			LABRIDAE	802194
			SCARIDAE	802194
			MUGILOIDEI	
			MUGIL TROSCHELI	802194
			CHANNICHTHYIDAE	803100
			CHAETODONTIDAE	
			POMACANTHUS MACULOSUS	802194
			KYPHOSIDAE	
			KYPHOSUS BIGIBBUS	802194
			LETHRINIDAE	802194
			LUTJANIDAE	
			LUTJANUS BOHAR	802194
			LUTJANUS KASMIRA	802194
			MULLIDAE	
			MULLOICHTHYS AURIFLAMMA	802194
			POMACENTRIDAE	

DASYLLUS ARUANUS	802194	PERCA FLUVIATILIS	800740	BLOOD AND LYMPH
SERRANIDAE	802194	POMACENTRIDAE		(CONTINUED)
SPARIDAE	802194	DASYLLUS ARUANUS	802194	
MUGILOIDIDAE		SERRANIDAE	802194	
PARAPERCIS HEXOPHTHALMA	802194	SPARIDAE	802194	
SCORPAENIDAE		MUGILOIDIDAE		
DENDROCHIRUS BRACHYPTERUS	802194	PARAPERCIS HEXOPHTHALMA	802194	
BALISTIDAE		SCORPAENIDAE		
PARAMONACANTHUS OBLONGUS	802194	DENDROCHIRUS BRACHYPTERUS	802194	
RHINECANTHUS ASSASI	802194	BALISTIDAE		
CYPRINIDAE		PARAMONACANTHUS OBLONGUS	802194	
RUTILUS RUTILUS	803176	RHINECANTHUS ASSASI	802194	
SYNODONTIDAE		CYPRINIDAE		
SYNODUS JAPONICUS	802194	CYPRINUS CARPIO	800740	
SALMONIDAE		LEUCASPIUS DELINEATUS	800740	
SALMO GAIRDNERII	800722	LEUCISCUS IDUS	800740	
	800839	LEUCISCUS RUTILUS	800740	
		TINCA TINCA	800740	
DNA CONTENT AND FUNCTION		ICTALURIDAE		
RNA CONTENT AND FUNCTION		ICTALURUS NEBULOSUS	800740	
CARCHARINIDAE		SYNODONTIDAE		
MUSTELUS CANIS	802184	SYNODUS JAPONICUS	802194	
ION AND WATER RELATIONSHIPS		SALMONIDAE		
LIPID METABOLISM		SALMO GAIRDNERII	800740	
ACIPENSEROMORPHA		IN VITRO TECHNIQUES		
ACIPENSER STELLATUS	803059	PROTEIN SYNTHESIS		
HYDROGEN ION CONCENTRATION		CARCHARINIDAE		
ION AND WATER RELATIONSHIPS		MUSTELUS CANIS	802178	
ANGUILLIDAE		HOST PARASITE INTERACTIONS		
ANGUILLA ANGUILLA	803351	CESTODA		
SEASONAL CHANGES		PERCIDAE		
CYPRINIDAE		PERCA FLUVIATILIS	803500	
CYPRINUS CARPIO	800908	ANATOMY		
HOST PARASITE INTERACTIONS		PERCIDAE		
CESTODA		PERCA FLUVIATILIS	800740	
PERCIDAE		CYPRINIDAE		
PERCA FLUVIATILIS	803500	CYPRINUS CARPIO	800740	
ANATOMY		LEUCISCUS IDUS	800740	
FUNCTION		LEUCASPIUS DELINEATUS	800740	
CHANNIFORMES		LEUCISCUS RUTILUS	800740	
OPHICEPHALUS PUNCTATUS	801616	TINCA TINCA	800740	
AMPHIPNOIDAE		ICTALURIDAE		
AMPHIPNUS CUCHIA	801616	ICTALURUS NEBULOSUS	800740	
CLARIIDAE		SALMONIDAE		
CLARIAS BATRACHUS	801616	SALMO GAIRDNERII	800740	
HETEROPNEUSTIDAE		HISTOLOGY		
HETEROPNEUSTES FOSSILIS	801616	CHIMAEROMORPHA		
HISTOLOGY		CHIMAERA MONSTROSA	800669	
DASYATIDAE		DASYATIDAE		
DASYATIS UARNAK	802588	DASYATIS UARNAK	802588	
CYTOLOGY		RAJIDAE		
BATHYDRACONIDAE		RAJA RADIATA	800669	
PARACHAENICHTHYS CHARCOTI	803302	SQUALIDAE		
PARACHAENICHTHYS GEORGIANUS	803302	ETMOPTERUS SPINAX	800669	
NOTOTHEIIDAE	803302	CHANNIFORMES		
BIOCHEMISTRY		OPHICEPHALUS PUNCTATUS	801606	
DIPNOI		AMPHIPNOIDAE		
PROTOPTERUS ANNECTENS	801267	AMPHIPNUS CUCHIA	801606	
ABNORMALITY		CLARIIDAE		
VITAMIN REQUIREMENTS		CLARIAS BATRACHUS	801606	
SALMONIDAE		HETEROPNEUSTIDAE		
ONCORHYNCHUS KISUTCH	802288	HETEROPNEUSTES FOSSILIS	801606	
EXPERIMENTAL ANALYSIS		CYTOLOGY		
CYPRINIDAE		FUNCTION		
ABRAMIS BRAMA	802830	MYXINOMORPHA		
BLICCA BJOERKNA	802830	MYXINE GLUTINOSA	803283	
FUNCTION		DEVELOPMENT		
ION AND WATER RELATIONSHIPS		CYPRINIDAE		
SQUALIDAE		RUTILUS RUTILUS	803285	
SQUALUS ACANTHIAS	801337	SALMONIDAE		
EXPERIMENTAL ANALYSIS		COREGONUS LAVARETUS	803285	
SALMONIDAE		BIOCHEMISTRY		
SALMO GAIRDNERII	802290	CYPRINIDAE		
DEVELOPMENT		CARASSIUS AURATUS	800810	
CYPRINIDAE		CYTOLOGY		
CARASSIUS AURATUS	801418	TELEOSTEI	801902	
FRY		FUNCTION		
LARVA		EXPERIMENTAL ANALYSIS		
SALMONIDAE		CYPRINIDAE		
ONCORHYNCHUS KETA	802362	ABRAMIS BRAMA	802830	
		BLICCA BJOERKNA	802830	
		DEVELOPMENT		
		CHIMAEROMORPHA		
		CHIMAERA MONSTROSA	800669	
		RAJIDAE		
		RAJA BATIS	800669	
		RAJA LINTEA	800669	
		RAJA RADIATA	800669	
		SQUALIDAE		
		ETMOPTERUS SPINAX	800669	
		SQUALUS ACANTHIAS	800669	
		SCARIDAE		
		SCARUS SP	800092	
		LETHRINIDAE		
		LETHRINUS MAHSENA	800092	
		LUTJANIDAE		
		LUTJANUS BOHAR	800092	
		PERCIDAE		
		PERCA FLUVIATILIS	800740	
			802512	
		SERRANIDAE		
		EPINEPHELUS AREOLATUS	800092	
		SPARIDAE		
		CHRYSOPHRYS HAFARA	800092	
		CYPRINIDAE		
		CYPRINUS CARPIO	802512	
		LEUCISCUS IDUS	800740	
			800740	

BLOOD AND LYMPH (CONTINUED)	LEUCASPIUS DELINEATUS	800740	SCORPAENIDAE	
	LEUCISCUS RUTILUS	800740	SEBASTISCUS MARMORATUS	801847
	TINCA TINCA	800740	CALCIUM	
ICTALURIDAE			EXPERIMENTAL ANALYSIS	
ICTALURUS NEBULOSUS		800740	ANGUILLIDAE	
		802512	ANGUILLA ANGUILLA	801415
SALMONIDAE			CHOLINESTERASE	
SALMO GAIRDNERII		800740	SPECIFICITY	
		802512	DIPNOI	
MACROPHAGES			PROTOPTERUS ANNECTENS	801267
EXPERIMENTAL ANALYSIS			GLOBULIN	
CYPRINODONTIDAE			SCYLIORHINIDAE	
FUNDULUS HETEROCLOTUS		802987	SCYLIORHINUS STELLARIS	801287
FUNDULUS MAJALIS		802987	LIPOPROTEINS	
			FUNCTION	
			SQUALIDAE	
			SQUALUS ACANTHIAS	800207
BIOCHEMICAL BLOOD CONSTITUENTS			MYOGLOBIN	
ORECTOLOBIDAE			SCOMBRIDAE	
GINGLYMOSTOMA CIRRATUM	802176		EUTHYNNUS PELAMIS	801474
ACIPENSEROMORPHA			NEOTHUNNUS MACROPTERUS	801474
ACIPENSER GULDENSTAEDTI	800250		THUNNUS GERMO	801474
ACIPENSER RUTHENUS	800250		THUNNUS THYNNUS	801474
ACIPENSER STELLATUS	800250		SERUM PIGMENT	
HUSO HUSO	800250		ANGUILLIDAE	
COTTIDAE			ANGUILLA JAPONICA	800491
COTTUS SCORPIUS	800301		TRANSFERRIN	
CLUPEIDAE			SCYLIORHINIDAE	
CLUPEA PILCHARDUS	800761		SCYLIORHINUS	801403
CYPRINIDAE				
ABRAMIS BRAMA	801796			
CATLA CATLA	803293			
GADIDAE			HEMOGLOBIN	
GADUS MORHUA	801057		SCYLIORHINIDAE	
SALMONIDAE			SCYLIORHINUS CANICULUS	801999
SALMO GAIRDNERII	802441		CHANNIFORMES	
SALMO TRUTTA	802441		CHANNA STRIATUS	800688
GLUCOSE CONTENT			BATHYDRACONIDAE	
CATOSTOMIDAE			PARACHAENICHTHYS CHARCOTI	803302
CATOSTOMUS COMMERSONI	800950		PARACHAENICHTHYS GEORGIANUS	803302
CYPRINIDAE			NOTOTHEIIDAE	803302
TINCA TINCA	801143		SCORPAENIDAE	
ESOCIDAE			SCORPAENA PORCUS	801999
ESOX LUCIUS	800950		SEBASTISCUS MARMORATUS	801838
NITROGENOUS CONTENT			AMPHIPHNOIDAE	
SCORPAENIDAE			AMPHIPHNOUS CUCHIA	800688
SEBASTISCUS MARMORATUS	801838		CYPRINIDAE	
CORTISOL			CATLA CATLA	800688
BIOCHEMICAL TECHNIQUES			CYPRINUS CARPIO	801999
SALMONIDAE	802284		RUTILUS RUTILUS	803176
IMMUNOLOGICAL ANALYSIS			BAGRIDAE	
ANGUILLIDAE			RITA RITA	800688
ANGUILLA ROSTRATA	802981		CLARIIDAE	
INFRASPECIFIC VARIATION			CLARIAS BATRACHUS	800688
ENGRAULIDAE			HETEROPNEUSTIDAE	
ENGRAULIS ENCRASICOLUS	802817		HETEROPNEUSTES FOSSILIS	800688
GADIDAE			SALMONIDAE	
GADUS MORHUA	801950		SALMO GAIRDNERII	800839
MICROMESISTIUS POUTASSOU	801950		CHANGE WITH AGE	
POLLACHIUS POLLACHIUS	801950		SALMONIDAE	
SALMONIDAE			SALMO SALAR	802603
SALMO SALAR	801950		POPULATION GENETICS	
GEOGRAPHIC VARIATION			CYPRINIDAE	
SCOMBRIDAE			TINCA TINCA	800495
THUNNUS THYNNUS	802010		INFRASPECIFIC VARIATION	
POLYMORPHISM			CENTRARCHIDAE	802841
TELEOSTEI	802131		PERCIDAE	
CLUPEIDAE			PERCA FLAVESCENS	802841
CLUPEA PILCHARDUS	802009		STIZOSTEDION VITREUM	802841
SEASONAL CHANGES			CATOSTOMIDAE	
CYPRINIDAE			CATOSTOMUS COMMERSONI	802841
TINCA TINCA	801813		CYPRINIDAE	
SALMONIDAE			CARASSIUS AURATUS	802841
ONCORHYNCHUS GORBUSCHA	801820		CYPRINUS CARPIO	802841
SALVELINUS FONTINALIS	800788		PIMEPHALES PROMELAS	802841
FUNCTION			ICTALURIDAE	
PIGMENTS			ICTALURUS MELAS	802841
OVARIAN CYCLES			ICTALURUS PUNCTATUS	802841
TESTICULAR CYCLES			ESOCIDAE	
ANGUILLIDAE			ESOX LUCIUS	802841
ANGUILLA JAPONICA	801587		SALMONIDAE	802841
EXPERIMENTAL ANALYSIS			POLYMORPHISM	
GLUCOSE CONTENT			CLUPEIDAE	
TEMPERATURE			CLUPEA SPRATTUS	802140
BATRACHOIDIFORMES			SPRATTUS SPRATTUS	802140
OPSANUS TAU	802979		BIOCHEMICAL TECHNIQUES	
EXERCISE			INFRASPECIFIC VARIATION	
SALMONIDAE			SALMONIDAE	
ONCORHYNCHUS NERKA	802297		SALMO GAIRDNERII	802290
ONCORHYNCHUS TSHAWYTSCHA	802297		SEASONAL CHANGES	
STARVATION			CYPRINIDAE	
LIPID AND FATTY ACID CONTENT			CYPRINUS CARPIO	800908
SALMONIDAE			STRUCTURE	
SALMO GAIRDNERII	802466		PETROMYZONTOMORPHA	
TEMPERATURE			PETROMYZON MARINUS	800231
CYPRINIDAE			ULTRASTRUCTURE	
CYPRINUS CARPIO	803108		DESCRIPTIVE EVOLUTION	
RADIOACTIVITY			CYPRINIDAE	
THYROID STIMULATING HORMONE			CYPRINUS CARPIO	801970
HETEROPNEUSTIDAE			BIOCHEMISTRY	
HETEROPNEUSTES FOSSILIS	803491		CARCHARHINIDAE	
SALINITY			CARCHARHINUS LEUCAS	800651
TEMPERATURE			SCORPAENIDAE	
SALMONIDAE			SEBASTODES	802582
ONCORHYNCHUS KISUTCH	803143		SEBASTOLOBUS ALASCANUS	802582
STRESS REACTIONS			SEBASTES MENTELLA	802582

SEBASTOLOBUS ALTIVELIS	802582	COTTIDAE		BLOOD AND LYMPH
SEBASTES MARINUS	802582	COTTUS POECILOPUS X		(CONTINUED)
CYPRINODONTIDAE	800779	COTTUS GOBIO X	802594	
GOODEIDAE	800779	SCORPAENIDAE		
POECILIIDAE	800779	SCORPAENA SCROFA	801911	
ANGUILLIDAE		SEBASTISCUS MARMORATUS	801838	
ANGUILLA JAPONICA	801592	TETRAODONTIDAE		
SALMONIDAE		FUGU PARDALIS	800619	
SALMO SALAR	803375	FUGU POECILONOTUS	800619	
POLYMORPHISM		FUGU POECILONOTUS X		
GASTEROSTEIDAE		FUGU PARDALIS X	800619	
GASTEROSTEUS ACULEATUS	802912	FUGU RUBRIPES	800619	
SCORPAENIDAE		FUGU XANTHOPTERUS	800619	
SEBASTODES ALEUTIANUS	802582	FUGU XANTHOPTERUS X		
SEBASTODES CRAMERI	802582	FUGU RUBRIPES X	800619	
SEBASTODES DIPLOPROA	802582	ANGUILLIDAE		
SEBASTODES REEDI	802582	ANGUILLA ANGUILLA	801911	
CLUPEIDAE		ANGUILLA JAPONICA	801032	
CLUPEA PILCHARDUS	802008	CYPRINIDAE		
DEVELOPMENT		CYPRINUS CARPIO	801032	
PETROMYZONTOMORPHA		SALMONIDAE	801911	
GEOTRIA AUSTRALIS	801321	ONCORHYNCHUS GORBUSCHA	801820	
MORDACIA MORDAX	801321	SALMO GAIRDNERII	801032	
MORDACIA PRAECOX	801321	SALMO SALAR	801911	
FUNCTION		NATURAL HYBRIDIZATION		
DIPNOI		POECILIIDAE		
PROTOPTERUS AETHIOPICUS	801324	POECILIA FORMOSA	801688	
TELEOSTEI	801198	INFRASPECIFIC VARIATION		
EXPERIMENTAL ANALYSIS		CENTRARCHIDAE	802841	
STARVATION		PERCIDAE		
GADIDAE		PERCA FLAVESCENS	802841	
LOTA LOTA	803501	STIZOSTEDION VITREUM	802841	
RADIOACTIVITY		SERRANIDAE		
THYROID STIMULATING HORMONE		MORONE CHRYSOPS	801516	
HETEROPNEUSTIDAE		CATOSTOMIDAE		
HETEROPNEUSTES FOSSILIS	803491	CATOSTOMUS COMMERSONI	802841	
STRESS REACTIONS		CYPRINIDAE		
SCORPAENIDAE		CARASSIUS AURATUS	802841	
SEBASTISCUS MARMORATUS	801847	CYPRINUS CARPIO	802841	
DEVELOPMENT		PIMPHALES PROMELAS	802841	
CARCHARHINIDAE		ICTALURIDAE		
CARCHARHINUS LEUCAS	800651	ICTALURUS MELAS	802841	
SALINITY		ICTALURUS PUNCTATUS	802841	
SALMONIDAE		ESOCIDAE		
ONCORHYNCHUS KETA	802029	ESOX LUCIUS	802841	
		SALMONIDAE	802841	
		GEOGRAPHIC VARIATION		
		SEASONAL CHANGES		
		PERCIDAE		
		STIZOSTEDION LUCIOPERCA	803169	
SERUM TRANSFERRIN		POLYMORPHISM		
POLYMORPHISM		COTTIDAE		
INHERITANCE		MYOXOCEPHALUS QUADRICORNIS	803076	
CLUPEIDAE		CLUPEIDAE		
CLUPEA SPRATTUS	802140	CLUPEA SPRATTUS	802140	
SPRATTUS SPRATTUS	802140	CYPRINIDAE		
INFRASPECIFIC VARIATION		RUTILUS RUTILUS	803076	
ANGUILLIDAE		SCARDINIUS ERYTHROPHthalmus	803076	
ANGUILLA ANGUILLA	803117	SALMONIDAE		
GEOGRAPHIC VARIATION		SALMO TRUTTA	803076	
ANGUILLIDAE		SALMO SALAR	803076	
ANGUILLA ANGUILLA	801958	ULTRASTRUCTURE		
ADAPTIVE EVOLUTION		IMMUNOGLOBULIN		
POLYMORPHISM		DESCRIPTIVE EVOLUTION		
SCOMBRIDAE		ACIPENSEROMORPHA		
EUTHYNNUS PELAMIS	803006	POLYODON SPATHULA	803237	
THUNNUS ALBACARES	803006	BIOCHEMISTRY		
THUNNUS MACCOYII	803006	ARIIDAE		
		GALEICHTHYS FELIS	802777	
		ICTALURIDAE	802777	
		EXPERIMENTAL ANALYSIS		
		STRESS REACTIONS		
		SCORPAENIDAE		
		SEBASTISCUS MARMORATUS	801847	
		IODINE		
		FUNCTION		
		CHIMAEROMORPHA		
		HYDROLAGUS COLLIEI	802470	
		RAJIDAE		
		RAJA BINOCULATA	802470	
		SQUALIDAE		
		SQUALUS ACANTHIAS	802470	
		PERCIFORMES	802470	
		PLEURONECTIDAE		
		PLATICHTHYS STELLATUS	802470	
		PLEURONECTES COENOSUS	802470	
		CATOSTOMIDAE		
		CATOSTOMUS COMMERSONI	802470	
		CYPRINIDAE		
		CYPRINUS CARPIO	802470	
		BATRACHOIDIFORMES		
		PORICHTHYS NOTATUS	802470	
		GADIDAE		
		LOTA LOTA	802470	
		ESOCIDAE		
		ESOX LUCIUS	802470	
		SALMONIDAE		
		COREGONUS CLUPEAFORMIS	802470	
		SALMO GAIRDNERII	802470	
		THYMALLUS ARCTICUS	802470	
SERUM PROTEINS		LIPOPROTEINS		
PETROMYZONTOMORPHA	801911	ANGUILLIDAE		
LAMPETRA FLUVIATILIS	801812	ANGUILLA ANGUILLA	801911	
PETROMYZON MARINUS	801812			
SCYLIORHINIDAE				
SCYLIORHINUS STELLARIS	801911			
ACIPENSEROMORPHA				
ACIPENSER GULDENSTAEDTI	801642			
ACIPENSER RUTHENUS	801642			
ACIPENSER STELLATUS	801642			
TELEOSTEI	801642			
CICHLIDAE				
TILAPIA MOSSAMBICA	800297			

BLOOD AND LYMPH (CONTINUED)	SALMONIDAE ONCORHYNCHUS GORBUSCHA	801820	DIPNOI LEPIDOSIREN PARADOXA NEOCERATODUS FORSTERI PROTOPTERUS AETHIOPICUS	800617 800617 800617
IMMUNITY				
DIGESTIVE SYSTEM	RETICULOENDOTHELIAL SYSTEM EXPERIMENTAL ANALYSIS CYPRINODONTIDAE FUNDULUS MAJALIS FUNDULUS HETEROCLITUS	802987 802987	GAS TRANSPORT BY BLOOD SCYLIORHINIDAE SCYLIORHINUS STELLARIS	801172 801173 801174 800516 800916
	IMMUNOLOGICAL REACTIONS PETROMYZONTOMORPHA PETROMYZON MARINUS CARCHARHINIDAE MUSTELUS CANIS CENTRARCHIDAE LEPOMIS MACROCHIRUS PERCIDAE PERCA FLUVIATILIS SCOMBRIDAE SARDA CHILIENSIS ANGUILLIDAE ANGUILLA ANGUILLA CONGRIDAE CONGER CONGER MURAENIDAE MURAENA HELENA CYPRINIDAE CARASSIUS AURATUS CARASSIUS CARASSIUS BATRACHOIDIFORMES OPSANUS TAU SALMONIDAE SALMO SALAR BACTERIA PARASITES SHARED WITH MAN SERRANIDAE MORONE AMERICANA MAMMALIA CICHLIDAE TILAPIA MARIAE FURUNCULOSIS DISEASE SALMONIDAE EXPERIMENTAL ANALYSIS ICTALURIDAE ICTALURUS NEBULOSUS VIVIPARITY POECILIIDAE XIPHOPHORUS HELLERII TEMPERATURE CICHLIDAE PTEROPHYLLUM SCALARE	801032 801911 801160 801160 801160 800254 802035 801161 801911 801911 801911 801911 800791 802035 800254 801911 803417 801336 802721 803301 803457 802528	TELEOSTEI NOTOTHENIIDAE ELECTROPHORIDAE ELECTROPHORUS ELECTRICUS SALMONIDAE SALMO GAIRDNERII	802363 801286
	IMMUNOLOGICAL ANALYSIS SALMONIDAE SALMO GAIRDNERII SALMO TRUTTA	802441 802441	GUT TELEOSTEI ISTIOPHORIDAE XIPHIIDAE XIPHIAS GLADIUS ARIIDAE ARIUS THALASSINUS CHANGE WITH AGE GALAXIIDAE GALAXIAS MACULATUS ANATOMY LAMPRIDIFORMES RADIICEPHALUS ELONGATUS PEMPHERIDAE PARAPRIACANTHUS PEMPHERIS POMACENTRIDAE MICROSPATHODON CHRYSURUS SALMONIDAE SALMO SALAR HISTOLOGY CHANNIFORMES CHANNA GACHUA CHANNA PUNCTATA CHANNA STRIATA CHANGE WITH AGE DISTICHODONTIDAE DISTICHODUS NILOTICUS DISTICHODUS ROSTRATUS FUNCTION LARVA CYPRINIDAE CARASSIUS AURATUS DEVELOPMENT CLUPEIDAE ALOSA PSEUDOHARENGUS HISTOLOGY CHIMAEROMORPHA CHIMAERA MOSTROSA RAJIDAE RAJA BATIS RAJA MONTAGUI CARCHARHINIDAE EUGALEUS GALEUS MUSTELUS MUSTELUS SCYLIORHINIDAE SCYLIORHINUS CANICULUS HEXANCHIFORMES HEXANCHUS GRISEUS SQUALIDAE SQUALUS ACANTHIAS SQUATINIDAE SQUATINA SQUATINA CICHLIDAE TILAPIA MOSSAMBICA CYPRINIDAE CTENOPHARYNGODON IDELLA HYPOPHthalmichthys MOLITRIX SALMONIDAE SALMO GAIRDNERII FUNCTION CYPRINODONTIDAE FUNDULUS HETEROCLITUS FUNCTION ION AND WATER RELATIONSHIPS TELEOSTEI DEVELOPMENT GALAXIIDAE GALAXIAS MACULATUS DESCRIPTIVE EVOLUTION CALCIUM ION AND WATER RELATIONSHIPS STRONTIUM CYPRINIDAE CARASSIUS AURATUS	803166 803380 803380 800710 803235 800331 802959 802959 801052 803276 802937 802937 802937 803166 803166 801841 802904 803433 803433 803433 803433 803433 803433 803433 801593 801593 801593 801219 803456 801269 802813
	IMMUNIZATION TECHNIQUES PERCIDAE PERCA FLUVIATILIS CYPRINIDAE CARASSIUS CARASSIUS	801032 802035 802035 801030		
	TISSUE TRANSPLANTATION CYPRINODONTIDAE RIVULUS MARMORATUS	800979		
	IMMUNOCYTES CENTRARCHIDAE LEPOMIS MACROCHIRUS BATRACHOIDIFORMES OPSANUS TAU	800254 800254		
	HEMODYNAMICS SCYLIORHINIDAE SCYLIORHINUS STELLARIS ELECTROPHORIDAE ELECTROPHORUS ELECTRICUS BRAIN CHOROID PLEXUS PETROMYZONTOMORPHA PETROMYZON MARINUS CYPRINIDAE CARASSIUS AURATUS EXPERIMENTAL ANALYSIS	801172 802363 803133 803133	BUCCAL CAVITY ANATOMY FUNCTION POMACENTRIDAE MICROSPATHODON CHRYSURUS	802520 801052

HISTOLOGY			EDESTOMORPHA	803398	DIGESTIVE SYSTEM
NOTOPTERIDAE			DEVELOPMENT		(CONTINUED)
NOTOPTERUS NOTOPTERUS	800290		ESOCIDAE		
			ESOX LUCIUS	801486	
			DESCRIPTIVE EVOLUTION		
			OSTEOLEPIDOMORPHA		
			EUSTHENOPTERON FOORDI	803412	
			ELIPIDAE		
			ELOPS SAURUS	803412	
TONGUE			HISTOLOGY		
HISTOLOGY			POROLEPIDOMORPHA		
CHANNIFORMES			ONYCHODUS	801623	
CHANNA GACHUA	802937		PALEONISCIFORMES		
CHANNA STRIATA	802937		BIRGERIA	801623	
CHANNA PUNCTATA	802937		PERLEIDIFORMES		
FUNCTION			COLOBODUS	801623	
DIPNOI			ANATOMY		
LEPIDOSIREN PARADOXA	800324		POLYPTEROMORPHA		
			POLYPTERUS	801623	
			DEVELOPMENT		
			AGNATHA	801623	
			ACANTHODII	801623	
			ARTHRODIRA	801623	
			HOLOCEPHALI	801623	
			ELASMOBRANCHII	801623	
			DIPNOI	801623	
			RHIPIDISTIA	801623	
			COELACANTHINI	801623	
			CHONDROSTEI	801623	
			AMIOMORPHA		
			AMIA CALVA	801623	
			SEMIONOTOMORPHA	801623	
			DESCRIPTIVE EVOLUTION		
			AGNATHA	801623	
			ACANTHODII	801623	
			ARTHRODIRA	801623	
			HOLOCEPHALI	801623	
			ELASMOBRANCHII	801623	
			DIPNOI	801623	
			RHIPIDISTIA	801623	
			COELACANTHINI	801623	
			CHONDROSTEI	801623	
			AMIOMORPHA		
			AMIA CALVA	801623	
			SEMIONOTOMORPHA	801623	
			TELEOSTEI	801623	
			FUNCTION		
			DIPNOI		
			GNATHORHIZA	801381	
			DEVELOPMENT		
			PETROMYZONTOMORPHA		
			MORDACIA PRAECOX	801042	
			MORDACIA MORDAX	801042	
			DESCRIPTIVE EVOLUTION		
			ELASMOBRANCHII	800350	
			DIPNOI		
			GNATHORHIZA	801381	
			RHIPIDISTIA	800350	
			GILL ARCH TEETH		
			COELACANTHINI	801623	
			POLYPTEROMORPHA		
			POLYPTERUS	801623	
			TELEOSTEI	801623	
			ANATOMY		
			ELIPIDAE		
			ELOPS HAWAIIENSIS	800772	
			GYMNARCHIDAE		
			GYMNARCHUS NILOTICUS	800772	
			HIODONTIDAE		
			HIODON ALOSOIDES	800772	
			HIODON TERGISUS	800772	
			MORMYRIDAE	800772	
			NOTOPTERIDAE		
			NOTOPTERUS KAPIRAT	800772	
			PAPYROCRANUS AFER	800772	
			XENOMYSTUS NIGRI	800772	
			OSTEOGLOSSIDAE		
			ARAPAIMA GIGAS	800772	
			HETEROTIS NILOTICUS	800772	
			OSTEOGLOSSUM BICIRRHOSUM	800772	
			SCLEROPAGES FORMOSUS	800772	
			PANTODONTIDAE		
			PANTODON BUCHHOLZI	800772	
			DESCRIPTIVE EVOLUTION		
			OSTEOLEPIDOMORPHA		
			EUSTHENOPTERON FOORDI	803412	
			ELIPIDAE		
			ELOPS SAURUS	803412	
			FUNCTION		
			MORMYRIDAE	800772	
			PANTODONTIDAE		
			PANTODON BUCHHOLZI	800772	
			PHARYNGEAL TEETH		
			TELEOSTEI	801623	
			ACANTHURIDAE	801351	
			CICHLIDAE		
			PELMATOCHROMIS ROLOFFI	800707	
			TRIGLIDAE		
			TRIGLA HIRUNDO	802165	

DIGESTIVE SYSTEM  
(CONTINUED)

CYPRINIDAE	
ABRAMIS BRAMA	803126
ALBURNUS ALBURNUS	803126
BLICCA BJOERKNA	803126
RHODEUS SERICEUS X	
PARACHEILOGNATHUS TABIRA X	800665
RUTILUS RUTILUS	803126
RUTILUS RUTILUS X	
ABRAMIS BRAMA X	803126
SCARDINIUS ERYTHROPHthalmus	803126
SCARDINIUS ERYTHROPHthalmus X	
ALBURNUS ALBURNUS X	803126
BLICCA BJOERKNA X	803126
INHERITANCE	
CYPRINIDAE	
CYPRINUS CARPIO X	
CARASSIUS CARASSIUS X	800649
INFRASPECIFIC VARIATION	
CYPRINIDAE	
PHOXINUS PHOXINUS	801609
SEASONAL CHANGES	
CYPRINIDAE	
LEUCISCUS LEUCISCUS	800645
ANATOMY	
CYPRINIDAE	
TRIBOLODON HAKONENSIS	800765

ROSTRAL TEETH

ANATOMY	
HISTOLOGY	
PRISTIDAE	
ISCHYRHIZA AVONICOLA	803036
ISCHYRHIZA MIRA	803036
SCLERORHYNCHUS ATAVUS	803036
DESCRIPTIVE EVOLUTION	
PRISTIDAE	
ONCHOPRISTIS DUNKLEI	803036

TOOTH REPLACEMENT

PRISTIDAE	802195
SCLERORHYNCHUS ATAVUS	802195
PRISTIOPHORIDAE	802195
POMACENTRIDAE	
MICROSPATHODON CHRYSURUS	801052

GILL RAKERS

ACANTHURIDAE	801351
CENTRARCHIDAE	
AMBLOPLITES RUPESTRIS	802379
LEPOMIS MACROCHIRUS	802379
MICROPTERUS SALMOIDES	802379
POMOXIS NIGROMACULATUS	802379
PEMPHERIDAE	
PEMPHERIS	802959
TRIACANTHIDAE	
TRIACANTHUS BIACULEATUS	801918
TRIACANTHODIDAE	801918
TRIACANTHODES ANOMALUS	801918
ARGENTINIDAE	
ARGENTINA LEIOGLOSSA	803131
ARGENTINA SPHYRAENA	803131
MERISTICS	
SALMONIDAE	
COREGONUS	803081
CHANGE WITH AGE	
CLUPEIDAE	
SARDINELLA MARQUESENSIS	803205
INFRASPECIFIC VARIATION	
SALMONIDAE	
COREGONUS MUKSUN	802795
ONCORHYNCHUS NERKA	802386
ANATOMY	
ACANTHODOMORPHA	
ACANTHODES BRONNI	803395
INHERITANCE	
CYPRINIDAE	
CTENOPHARYNGODON IDELLA X	
ARISTICHTHYS NOBILIS X	800046
HYPOPHthalmichthys MOLITRIX X	
CTENOPHARYNGODON IDELLA X	800046
DEVELOPMENT	
BALISTIDAE	
CANTHERINES MACROCERUS	802222
CANTHERINES PULLUS	802222
CLUPEIDAE	
ALOSA PSEUDOHARENGUS	802904
SALMONIDAE	
THYMALLUS THYMALLUS	803075

STOMACH

ACANTHURIDAE	801351
ALLOMETRY	
SALMONIDAE	
SALMO GAIRDNERII	800920
ANATOMY	

DENTICIPITIDAE	
DENTICEPS CLUPEOIDES	800265
SALMONIDAE	
SALMO GAIRDNERII	800920
HISTOLOGY	
DISTICHODONTIDAE	
DISTICHODUS NILOTICUS	803166
DISTICHODUS ROSTRATUS	803166
FUNCTION	
INNERVATION	
ELASMOBRANCHII	802241
TELEOSTEI	802241
EXPERIMENTAL ANALYSIS	
CHANNIFORMES	
CHANNA MACULATA	800920
PHOLIDIDAE	
ENEDRIAS NEBULOSUS	800920
STICHAETIDAE	
STICHAETUS NOZAWAI	800920
CARANGIDAE	
TRACHURUS JAPONICUS	801583
POMADASYIDAE	
HAPALOGONYSS KISHINOUEI	800920
SCIAENIDAE	
NIBEIA ARGENTATA	800920
SERRANIDAE	
LATEOLABRAX JAPONICUS	800920
SILLAGINIDAE	
SILLAGO SIHAMA	800920
SPARIDAE	
EVYNNIS JAPONICA	800920
SCOMBRIDAE	
PNEUMATOPHORUS JAPONICUS	800920
SCOMBER JAPONICUS	801583
SPHYRAENOIDEI	
SPHYRAENA JAPONICA	800920
PLEURONECTIDAE	800920
AGONIDAE	
OCCA IBURIA	800920
COTTIDAE	
ALCICHTHYS ALCICORNIS	800920
HEMITRIPTERUS VILLOSUS	800920
HEXAGRAMMIDAE	
HEXAGRAMMOS OTAKII	800920
PLEUROGRAMMUS AZONUS	800920
PLATYCEPHALOIDEI	
PLATYCEPHALUS INDICUS	800920
SCORPAENIDAE	800920
TRIGLIDAE	
CHELIDONICHTHYS KUMU	800920
LEPIDOTRIGLA MICROPTERUS	800920
ZEIDAE	
ZENOPSIS NEBULOSA	800920
ANGUILLIDAE	
ANGUILLA JAPONICA	800920
CONGRIDAE	
ASTROCONGER MYRIASTER	800920
RHYNCHOCYMBA MYSTROMI	800920
SILURIDAE	
PARASILURUS ASOTUS	800920
GADIDAE	
GADUS MACROCEPHALUS	800920
THERAGRA CHALCOGRAMMA	800920
THERAGRA CHALCOGRAMMUS	800920
MORIDAE	
LOTTELLA MAXIMOWICZI	800920
LOPHIIDAE	
LOPHIUS LITULON	800920
OSMERIDAE	
HYPOMESUS OLIDUS	800920
SALMONIDAE	
SALMO GAIRDNERII	800920
ION AND WATER RELATIONSHIPS	
ICTALURIDAE	
ICTALURUS NEBULOSUS	803115
INNERVATION	
GADIDAE	
LOTA LOTA	802490
NEUROENDOCRINE SUBSTANCES	
SILURIDAE	
SILURUS GLANIS	802450
DEVELOPMENT	
SALMONIDAE	
SALMO GAIRDNERII	800920

GASTRIC JUICES AND ENZYMES

ELASMOBRANCHII	802241
TELEOSTEI	802241
CARANGIDAE	
SERIOLO QUINQUERADIATA	801593
CICHLIDAE	
TILAPIA MOSSAMBICA	801593
ANGUILLIDAE	
ANGUILLA JAPONICA	801593
CYPRINIDAE	801593
SALMONIDAE	
SALMO GAIRDNERII	801593
BIOCHEMISTRY	
SPARIDAE	
ACANTHOPAGRUS SCHLEGELI	801591
EXPERIMENTAL ANALYSIS	
GADIDAE	
LOTA LOTA	802490



<b>GASTRIC DIGESTION</b>			TINCA TINCA	801164	DIGESTIVE SYSTEM
ELASMOBRANCHII	802241		SALMONIDAE		(CONTINUED)
AMIO MORPHA			SALMO GAIRDNERII	801460	
AMIA CALVA	800075		ION AND WATER RELATIONSHIPS		
TELEOSTEI	802241		ANGUILLIDAE		
MUGILOIDEI			ANGUILLA JAPONICA	801197	
MUGIL CEPHALUS	800894		EXPERIMENTAL ANALYSIS		
MUGIL CUREMA	800894		ACANTHURIDAE		
CARANGIDAE			ACANTHURUS SANDVICENSIS	801419	
TRACHURUS JAPONICUS	801101		CICHLIDAE		
POMADASYIDAE			TILAPIA MOSSAMBICA	801419	
PARAPRISTIPOMA TRILINEATUM	801101		ION AND WATER RELATIONSHIPS		
BALISTIDAE			ANGUILLIDAE		
STEPHANOLEPIS CIRRHIFER	801101		ANGUILLA JAPONICA	801359	
TETRAODONTIDAE			CYPRINIDAE		
FUGU VERMICULARIS	801101		CARASSIUS AURATUS	800287	
GADIDAE			ICTALURIDAE		
GADUS MERLANGUS	801950		ICTALURUS NEBULOSUS	803115	
GADUS MORHUA	801950		DEVELOPMENT		
MELANOGRAMMUS AEGLEFINUS	801950		CYPRINIDAE		
SALMONIDAE			CTENOPHARYNGODON IDELLA	802043	
SALMO GAIRDNERII	801101		BIOCHEMISTRY		
	802333		PROTEIN SYNTHESIS		
FRY			COBITIDAE		
COTTOCOME PHORIDAE			MISGURNUS FOSSILIS	802037	
COTTOCOME PHORUS GREWINGKI	802487				
SEASONAL CHANGES			<b>PYLORIC CAECA</b>		
PERCIDAE			DNA CONTENT AND FUNCTION		
PERCA FLUVIATILIS	803496		RNA CONTENT AND FUNCTION		
STIZOSTEDION LUCIOPERCA	803496		CARANGIDAE		
GADIDAE			SERIOLA QUINQUERADIATA	802889	
LOTA LOTA	803496		SALMONIDAE	802889	
ESOCIDAE			ANATOMY		
ESOX LUCIUS	803496		HISTOLOGY		
HISTOLOGY			CHANNIFORMES		
LIPID AND FATTY ACID CONTENT			CHANNA GACHUA	802937	
CYPRINIDAE			CHANNA PUNCTATA	802937	
CARASSIUS AURATUS	801841		CHANNA STRIATA	802937	
EXPERIMENTAL ANALYSIS			DISTICHODONTIDAE		
CENTRARCHIDAE			DISTICHODUS NILOTICUS	803166	
LEPOMIS GIBBOSUS	802784		DISTICHODUS ROSTRATUS	803166	
	803141				
LUTJANIDAE			HISTOLOGY		
LUTJANUS BOHAR	803086		SCORPAENIDAE		
SILURIDAE			SEBASTES	800694	
SILURUS GLANIS	802450		SEBASTODES INERMIS	800694	
GADIDAE			BIOCHEMISTRY		
LOTA LOTA	802490		SALMONIDAE		
SALMONIDAE			ONCORHYNCHUS KETA	802890	
SALMO GAIRDNERII	803140		DEVELOPMENT		
			CLUPEIDAE		
<b>INTESTINE</b>			ALOSA PSEUDOHARENGUS	802904	
ACANTHURIDAE	801351		GADIDAE		
POECILIIDAE			LOTA LOTA	803499	
XIPHOPHORUS HELLERII	800699				
ALLOMETRY			<b>SPIRAL VALVE</b>		
POMACENTRIDAE			ABNORMALITY		
MICROSPATHODON CHRYSURUS	801052		ACIPENSEROMORPHA		
ANATOMY			ACIPENSER STURIO	800644	
HISTOLOGY					
DISTICHODONTIDAE			<b>INTESTINAL JUICES AND ENZYMES</b>		
DISTICHODUS NILOTICUS	803166		CARANGIDAE		
DISTICHODUS ROSTRATUS	803166		SERIOLA QUINQUERADIATA	801593	
HISTOLOGY			CICHLIDAE		
GASTEROSTEIDAE			TILAPIA MOSSAMBICA	801593	
GASTEROSTEUS ACULEATUS	800699		ANGUILLIDAE		
POECILIIDAE			ANGUILLA JAPONICA	801593	
POECILIA RETICULATA	800699		CYPRINIDAE	801593	
XIPHOPHORUS HELLERII	800699		SALMONIDAE		
ULTRASTRUCTURE			SALMO GAIRDNERII	801593	
EXOCEOTIDAE			BIOCHEMISTRY		
HEMIRAMPHUS SAJORI	801588		SALMONIDAE		
BIOCHEMISTRY			ONCORHYNCHUS KETA	802890	
ANGUILLIDAE					
ANGUILLA OCCIDENTALIS	801618		<b>INTESTINAL DIGESTION</b>		
SALMONIDAE			CYPRINODONTIDAE		
SALMO GAIRDNERII	801618		FUNDULUS HETEROCLITUS	801219	
SALMO TRUTTA	801618		GADIDAE		
ULTRASTRUCTURE			GADUS MERLANGUS	801950	
FUNCTION			GADUS MORHUA	801950	
FRY			MELANOGRAMMUS AEGLEFINUS	801950	
SALMONIDAE				802333	
SALMO GAIRDNERII	801615		LARVA		
DEVELOPMENT			EXOCEOTIDAE		
EXOCEOTIDAE			HEMIRAMPHUS SAJORI	801588	
HEMIRAMPHUS SAJORI	800922		FRY		
BIOCHEMISTRY			COTTOCOME PHORIDAE		
PLOTOSIDAE			COTTOCOME PHORUS GREWINGKI	802487	
CNIDOGLANIS MEGASTOMUS	801284		SEASONAL CHANGES		
FUNCTION			PERCIDAE		
GASTEROSTEIDAE			PERCA FLUVIATILIS	803496	
GASTEROSTEUS ACULEATUS	800699		STIZOSTEDION LUCIOPERCA	803496	
APLODACTYLIDAE			GADIDAE		
GONIISTIUS ZONATUS	801460		LOTA LOTA	803496	
BOTHIDAE			ESOCIDAE		
PARALICHTHYS LETHOSTIGMA	800606		ESOX LUCIUS	803496	
BALISTIDAE					
STEPHANOLEPIS CIRRHIFER	801460				
POECILIIDAE					
POECILIA RETICULATA	800699				
XIPHOPHORUS HELLERII	800699				
ANGUILLIDAE					
ANGUILLA JAPONICA	801460				
CYPRINIDAE					

DIGESTIVE SYSTEM (CONTINUED)			PROTEIN CONTENT	
HISTOLOGY			COTTIDAE	
LIPID AND FATTY ACID CONTENT			MYOXOCEPHALUS QUADRICORNIS	803076
CYPRINIDAE			CYPRINIDAE	
CARASSIUS AURATUS	801841		RUTILUS RUTILUS	803076
EXPERIMENTAL ANALYSIS			SCARDINIUS ERYTHROPHthalmus	803076
CYPRINIDAE			SALMONIDAE	
CYPRINUS CARPIO	802016		SALMO SALAR	803076
SALMONIDAE			SALMO TRUTTA	803076
SALMO GAIRDNERII	800794		DNA CONTENT AND FUNCTION	
			SQUALIDAE	
			SQUALUS ACANTHIAS	803265
			SALMONIDAE	
			ONCORHYNCHUS GORBUSCHA	801887
			ENZYMOLGY	
			PLEURONECTIDAE	
			PLEURONECTES PLATESSA	803135
			ENZYMOLGY	
			NITROGEN METABOLISM	
			PETROMYZONTOMORPHA	
			ENTOSPHEMUS TRIDENTATUS	803132
			COMPARATIVE ENZYMOLOGY	
			SCOMBRIDAE	
			EUTHYNNUS PELAMIS	801845
			SALMONIDAE	
			SALMO GAIRDNERII	801845
			INTERMEDIARY METABOLISM	
			CARANGIDAE	
			TRACHURUS TRACHURUS	802017
			PERCIDAE	
			PERCA FLUVIATILIS	800569
			CYPRINIDAE	
			CYPRINUS CARPIO	800569
			RUTILUS RUTILUS	800569
			SALMONIDAE	
			SALMO TRUTTA	800569
			OXIDATIVE METABOLISM	
			PETROMYZONTOMORPHA	
			LAMPETRA FLUVIATILIS	801360
			LAMPETRA PLANERI	801360
			LAMPETRA TRIDENTATA	800565
			DASYATIDAE	
			DASYATIS PASTINACA	801360
			ACIPENSEROMORPHA	
			ACIPENSER TRANSMONTANUS	800565
			Gobiidae	801360
			CARANGIDAE	
			TRACHURUS MEDITERRANEUS	801360
			CENTRARCHIDAE	
			LEPOMIS MACROCHIRUS	800565
			MICROPTERUS DOLOMIEUI	800565
			POMOXIS ANNULARIS	800565
			PERCIDAE	
			PERCA FLAVESCENS	800565
			SCORPAENIDAE	
			SCORPAENA PORCUS	801360
			CLUPEIDAE	
			ALOSA SAPIDISSIMA	800565
			CATOSTOMIDAE	
			CATOSTOMUS MACROCHEILUS	800565
			CYPRINIDAE	
			CYPRINUS CARPIO	800565
			ICTALURIDAE	
			ICTALURUS PUNCTATUS	800565
			PYLODICTIS OLIVARIS	800565
			ESOCIDAE	
			ESOX LUCIUS	800565
			SALMONIDAE	
			ONCORHYNCHUS KISUTCH	800565
			ONCORHYNCHUS NERKA	800565
			ONCORHYNCHUS TSHAWYTSCHA	800565
			SALMO GAIRDNERII	800565
			SALMO TRUTTA	802676
			NITROGEN METABOLISM	
			PETROMYZONTOMORPHA	
			LAMPETRA TRIDENTATA	803207
			ACIPENSEROMORPHA	
			ACIPENSER TRANSMONTANUS	803207
			CENTRARCHIDAE	
			PERCIDAE	
			PERCA FLAVESCENS	803207
			CLUPEIDAE	
			ALOSA SAPIDISSIMA	803207
			CATOSTOMIDAE	
			CATOSTOMUS MACROCHEILUS	803207
			CYPRINIDAE	
			CYPRINUS CARPIO	803207
			ICTALURIDAE	
			ICTALURUS PUNCTATUS	803207
			PYLODICTIS OLIVARIS	803207
			ESOCIDAE	
			ESOX LUCIUS	803207
			SALMONIDAE	
			LIPID METABOLISM	
			SALINITY	
			ACIPENSEROMORPHA	
			ACIPENSER STELLATUS	803059
			SEASONAL CHANGES	
			CYPRINIDAE	
			CIRRHINA MRIGALA	801326
			BAGRIDAE	
			MYSTUS SEENGHALA	801327
			SALMONIDAE	
			SALMO TRUTTA	801193
			THYMALLUS THYMALLUS	801193
			ACCLIMATION	
			BATRACHOIDIFORMES	

OPSANUS TAU	800927	ION AND WATER RELATIONSHIPS		DIGESTIVE SYSTEM
FUNCTION		ELASMOBRANCHII	803456	(CONTINUED)
ANGUILLIDAE				
ANGUILLA ANGUILLA	800731			
EXPERIMENTAL ANALYSIS				EXCRETORY SYSTEM
ANGUILLIDAE				
ANGUILLA ANGUILLA	800634	KIDNEY		
PROTEIN SYNTHESIS		MINERAL CONTENT		
BATRACHOIDIFORMES		COELACANTHINI		
OPSANUS TAU	802180	LATIMERIA CHALUMNAE	801227	
ADENOSYLMOCYSTEINE		DNA CONTENT AND FUNCTION		
BIOCHEMISTRY		RNA CONTENT AND FUNCTION		
TORPEDINIDAE		CARANGIDAE		
TORPEDO OCELLATA	803312	SERIOLA QUINQUERADIATA	802889	
SCYLIORHINIDAE		SCORPAENIDAE		
SCYLIORHINUS STELLARIS	803312	SEBASTES VULPES	802889	
ANGUILLIDAE		CYPRINIDAE		
ANGUILLA	803312	CYPRINUS CARPIO	802889	
CYCLOPROPENES		SALMONIDAE	802889	
ABNORMALITY		ANATOMY		
SALMONIDAE		AMPHIPHNOIDAE		
SALMO GAIRDNERII	801393	AMPHIPHNOUS CUCHIA	800964	
GLYCERYL ETHER		DENTICIPITIDAE		
BIOCHEMISTRY		DENTICEPS CLUPEOIDES	800265	
CARCHARHINIDAE		HISTOLOGY		
TRIAKIS SCYLLIA	801102	CARANGIDAE		
TRANSAMINASE		TRACHURUS JAPONICUS	801338	
BIOCHEMISTRY		PLATYCEPHALOIDEI		
SALMONIDAE		INEGOCIA MEERDERVOORTI	800714	
ONCORHYNCHUS	802427	ANGUILLIDAE		
TRYPTOPHAN PYRROLASE		ANGUILLA ANGUILLA	800833	
BIOCHEMISTRY		ULTRASTRUCTURE		
COMPARATIVE ENZYMOLOGY		PLEURONECTIDAE		
ICTALURIDAE		PAROPHRY VETULUS	801652	
ICTALURUS PUNCTATUS	803313	BIOCHEMISTRY		
VERDOHAEMOCHROME		CICHLIDAE		
BIOCHEMISTRY		TILAPIA MOSSAMBICA	801593	
SCOMBRIDAE		ANGUILLIDAE		
EUTHYNNUS VAGANS	800490	ANGUILLA JAPONICA	801593	
KATSUWONUS VAGANS	800490	CYPRINIDAE	801593	
SCOMBERESOCIDAE		CTENOPHARYNGODON IDELLA	801593	
COLOLABIS SAIRA	800490	SALMONIDAE		
ANGUILLIDAE		SALMO GAIRDNERII	801593	
ANGUILLA JAPONICA	800490	FUNCTION		
VITAMIN A		SEASONAL CHANGES		
BIOCHEMISTRY		GASTEROSTEIDAE		
CYPRINIDAE		GASTEROSTEUS ACULEATUS	800989	
CYPRINUS CARPIO	801596	BIOCHEMISTRY		
		CICHLIDAE		
		TILAPIA SPARRMANII	801594	
		TILAPIA MOSSAMBICA	801594	
		SALMONIDAE		
		SALMO GAIRDNERII	801594	
		RENIN		
		ACANTHURIDAE		
		PRIONURUS MICROLEPIDOTUS	801338	
		APLODACTYLIDAE		
		GONIISTIVUS ZONATUS	801338	
		CARANGIDAE		
		SERIOLA QUINQUERADIATA	801338	
		TRACHURUS JAPONICUS	801338	
		CICHLIDAE		
		TILAPIA MOSSAMBICA	801338	
		OPLEGNATHIDAE		
		OPLEGNATHUS FASCIATUS	801338	
		SERRANIDAE		
		LATEOLABRAX JAPONICUS	801338	
		SCOMBRIDAE		
		SCOMBER JAPONICUS	801338	
		BALISTIDAE		
		STEPHANOLEPIS CIRRHIFER	801338	
		ANGUILLIDAE		
		ANGUILLA JAPONICA	801338	
		CYPRINIDAE		
		CARASSIVUS AURATUS	801338	
		CYPRINUS CARPIO	801338	
		LOPHIIDAE		
		LOPHIVUS LITULON	801338	
		PLECOGLOSSIDAE		
		PLECOGLOSSUS ALTIVELIS	801338	
		SALMONIDAE		
		SALMO GAIRDNERII	801338	
		ABNORMALITY		
		INSECTICIDE POLLUTANTS		
		CYPRINIDAE		
		CARASSIVUS AURATUS	802753	
		FUNCTION		
		ANGUILLIDAE		
		ANGUILLA JAPONICA	801460	
		ION AND WATER RELATIONSHIPS		
		MYXINOMORPHA	803456	
		ELASMOBRANCHII	803456	
		TELEOSTEI	803456	
		EXPERIMENTAL ANALYSIS		
		SQUALIDAE		
		SQUALUS ACANTHIAS	801285	
		BOTHIDAE		
		PARALICHTHYS LETHOSTIGMA	800604	
		ANESTHETICS		
		SALMONIDAE		
		SALMO GAIRDNERII	802281	
		DESCRIPTIVE EVOLUTION		
		PETROMYZONTOMORPHA	800351	
		ELASMOBRANCHII	800351	
		POLYPTEROMORPHA	800351	
		AMIO MORPHA	800351	
		TELEOSTEI	800351	

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<b>PERITONEUM</b>			CYPRINODONTIDAE			COELOM
GUANINE			FUNDULUS HETEROCLITUS	802987		(CONTINUED)
BIOCHEMISTRY			FUNDULUS MAJALIS	802987		
MYCTOPHIDAE						REPRODUCTIVE SYSTEM
MYCTOPHUM PUNCTATUM	801764					
SALMONIDAE						
ONCORHYNCHUS KISUTCH	801764					
<b>OVARY</b>			<b>OOGENESIS</b>			
CHAETODONTIDAE			TELEOSTEI	801603		
HOLACANTHUS ISABELITA X			LABRIDAE			
HOLACANTHUS CILIARIS X	800581		CRENILABRUS CINEREUS	803023		
DNA CONTENT AND FUNCTION			CENTRARCHIDAE			
RNA CONTENT AND FUNCTION			MICROPTERUS SALMOIDES X			
CHANGE WITH AGE			CHAENOBRYTTUS GULOSUS X	802068		
CYPRINIDAE			PERCIDAE			
CYPRINUS CARPIO	802889		PERCA FLAVESCENS	801026		
SALMONIDAE			STIZOSTEDION LUCIOPERCA	802811		
SALMO GAIARDNERII	802889		CYTOLOGY			
UNILATERAL COMPENSATION			ACIPENSEROMORPHA			
SEASONAL CHANGES			ACIPENSER GUELLENSTAEDTI	800819		
HETEROPNEUSTIDAE			ACIPENSER RUTHENUS	800819		
HETEROPNEUSTES FOSSILIS	803480		EXPERIMENTAL ANALYSIS			
ANATOMY			ACIPENSEROMORPHA			
ICOSTEOIDEI			ACIPENSER GUELLENSTAEDTI	800434		
ICOSTEUS AENIGMATICUS	802872		ACIPENSER STELLATUS	800434		
ALABETIDAE			CYPRINIDAE			
ALABES RUFUS	801954		CTENOPHARYNGODON IDELLA	801611		
AMPHIPNOIDAE			HETEROPNEUSTIDAE			
AMPHIPNOUS CUCHIA	800964		HETEROPNEUSTES FOSSILIS	801737		
	801954					
DENTICIPITIDAE			<b>OVARIAN FOLLICLES</b>			
DENTICEPS CLUPEOIDES	800265		TELEOSTEI	801603		
ENGRAULIDAE			ULTRASTRUCTURE			
ANCHOA NASO	802878		MYXINOMORPHA	800435		
ENGRAULIS MORDAX	802878		PETROMYZONTOMORPHA	800435		
HETEROPNEUSTIDAE			TELEOSTEI	800435		
HETEROPNEUSTES FOSSILIS	800907		FUNCTION			
OPHIDIIDAE	801578		PETROMYZONTOMORPHA	803457		
DEXTRALITY OR SINISTRALITY			ELASMOBRANCHII	803457		
OSMERIDAE			TELEOSTEI	803457		
OSMERUS EPERLANUS	802547					
HISTOLOGY			<b>CORPORA LUTEA</b>			
ZOARCIDAE			ACIPENSEROMORPHA	803187		
LEUCOBROTULA ADIPATUS	802793		CLARIIDAE			
PARABROTULA PLAGIOPHTHALMUS	802793		CLARIAS BATRACHUS	800713		
FUNCTION			HISTOLOGY			
DEVELOPMENT			FUNCTION			
PETROMYZONTOMORPHA	803390		BAGRIDAE			
ELASMOBRANCHII	803390		MYSTUS TENGARA	802595		
TELEOSTEI	803390		SISORIDAE			
HISTOLOGY			GLYPTOTHORAX PECTINOPTERUS	802632		
PLATYCEPHALOIDEI			BIOCHEMISTRY			
INEGOCIA MEERDERVOORTI	800714		CYPRINIDAE			
HETEROPNEUSTIDAE			LABEO GONIUS	802942		
HETEROPNEUSTES FOSSILIS	800907		OXYGASTER CLUPEOIDES	802942		
ULTRASTRUCTURE			FUNCTION			
FUNCTION			SCYLIORHINIDAE			
ORYZIATIDAE			SCYLIORHINUS CANICULUS	801832		
ORYZIAS LATIPES	802886		EXPERIMENTAL ANALYSIS			
BIOCHEMISTRY			CICHLIDAE			
SEASONAL CHANGES			AEQUIDENS PULCHER	803118		
CYPRINIDAE			DEVELOPMENT			
CIRRHINA MRIGALA	801326		ZOARCIDAE			
BAGRIDAE			ZOARCES VIVIPARUS	803328		
MYSTUS SEENGHALA	801327		DEVELOPMENT			
FUNCTION			FUNCTION			
CYPRINIDAE			ELASMOBRANCHII	803457		
LABEO GONIUS	802942		TELEOSTEI	803457		
OXYGASTER CLUPEOIDES	802942					
IDENTIFICATION						
YOUNG						
STIZOSTEDION VITREUM	802851					
ABNORMALITY						
CYPRINIDAE						
SCHIZOTHORAX NIGER	802436					
EXPERIMENTAL ANALYSIS			<b>OVARIAN ENDOCRINE TISSUE</b>			
EMBIOCIDAE			BAGRIDAE			
CYMATOGASTER AGGREGATA	800610		MYSTUS TENGARA	802595		
CYPRINIDAE			SISORIDAE			
CARASSIUS AURATUS	801356		GLYPTOTHORAX PECTINOPTERUS	802632		
HETEROPNEUSTIDAE			GADIDAE			
HETEROPNEUSTES FOSSILIS	800907		MELANOGRAMMUS AEGLEFINUS	801950		
RNA CONTENT AND FUNCTION			ULTRASTRUCTURE			
CICHLIDAE			CYPRINIDAE			
AEQUIDENS PULCHER	803118		BRACHYDANIO RERIO	801449		
UNILATERAL COMPENSATION			DANIO RERIO	801449		
CLARIIDAE			BIOCHEMISTRY			
CLARIAS BATRACHUS	803479		CYPRINIDAE			
HETEROPNEUSTIDAE			LABEO GONIUS	802942		
HETEROPNEUSTES FOSSILIS	801361		OXYGASTER CLUPEOIDES	802942		
	801401		FUNCTION			
	803480		ELASMOBRANCHII	803457		
COURTSHIP			SCYLIORHINIDAE			
POECILIIDAE			SCYLIORHINUS CANICULUS	801832		
POECILIA RETICULATA	801771		TELEOSTEI	803457		
DEVELOPMENT			EXPERIMENTAL ANALYSIS			
FUNCTION			TORPEDINIDAE			
PETROMYZONTOMORPHA	803457		TORPEDO MARMORATA	801915		
ELASMOBRANCHII	803457		SCYLIORHINIDAE			
TELEOSTEI	803457		SCYLIORHINUS STELLARIS	801915		
MACROPHAGES						
EXPERIMENTAL ANALYSIS						

REPRODUCTIVE SYSTEM (CONTINUED)	ESTROGENS		OLIGOPUS DIAGRAMMUS	801578
	BIBLIOGRAPHY	800991	ZOARCIDAE	
	BIOCHEMISTRY		LEUCOBROTULA ADIPATUS	802793
	TORPEDINIDAE		PARABROTULA PLAGIOPHTHALMUS	802793
	TORPEDO MARMORATA	801915	ZOARCES VIVIPARUS	803328
	SCYLIORHINIDAE		HISTOLOGY	
	SCYLIORHINUS STELLARIS	801915	EMBIOTOCIDAE	
	FUNCTION		CYMATOGASTER AGGREGATA	801259
	PETROMYZONTOMORPHA	803457	EXPERIMENTAL ANALYSIS	
	ELASMOBRANCHII	803457	CARCHARINIIDAE	
	DIPNOI		MUSTELUS CANIS	801514
	PROTOPTERUS ANNECTENS	803457	DESCRIPTIVE EVOLUTION	
	TELEOSTEI	803457	RHIPIDIISTIA	801601
	FUNCTION		DASYATIDAE	
	POECILIIDAE		TRYGON PASTINACA	800122
	POECILIA RETICULATA	801771		
	COURTSHIP			
	BELONTHIDAE			
	BETTA SPLENDENS	803460		
	CICHLIDAE	803460		
	BIOCHEMISTRY		PLACENTA	
	TORPEDINIDAE		DEVELOPMENT	
	TORPEDO MARMORATA	801454	FUNCTION	
	EXPERIMENTAL ANALYSIS		CARCHARINIIDAE	
	DEVELOPMENT		MUSTELUS CANIS	801514
	CYPRINIDAE			
	CARASSIUS AURATUS	801564		
	DEVELOPMENT			
	SCYLIORHINIDAE		PLACENTALIKE ORGANS	
	SCYLIORHINUS CANICULUS	801832	FUNCTION	
	EFFECT ON FISH		ANATOMY	
	CYPRINIDAE		ZOARCIDAE	
	CARASSIUS AURATUS	800357	PARABROTULA PLAGIOPHTHALMUS	802793
	ADENOHYPOPHYSIS			
	OÖGENESIS			
	HETEROPNEUSTIDAE			
	HETEROPNEUSTES FOSSILIS	801737		
	LIVER			
	CARANGIDAE		OVARIAN CYCLES	802330
	TRACHURUS TRACHURUS	802017	PETROMYZONTOMORPHA	803457
	OVARY		ELASMOBRANCHII	803457
	HETEROPNEUSTIDAE		CARCHARINIIDAE	
	HETEROPNEUSTES FOSSILIS	801401	MUSTELUS CANIS	801514
	SEXUALLY DIMORPHIC TEETH		ACIPENSEROMORPHA	
	ORYZIATIDAE		ACIPENSER GULDENSTAEDTI	802486
	ORYZIAS LATIPES	803119		803342
	SEX REVERSAL		ACIPENSER RUTHENUS	802486
	ORYZIATIDAE		ACIPENSER STELLATUS	802486
	ORYZIAS LATIPES	802437	HUSO HUSO	802486
	UNILATERAL COMPENSATION		TELEOSTEI	803390
	OVARY			803457
	HETEROPNEUSTIDAE		ANABANTIDAE	
	HETEROPNEUSTES FOSSILIS	803480	ANABAS SCANDENS	801206
			BELONTHIDAE	
			TRICHOGASTER TRICHOPTERUS	803364
			Gobiidae	
			Glossogobius giurus	801946
			Gobius gorlap	802137
			Gobius nonultimus	802137
			Neogobius melanostomus	802137
			Neogobius syrmian	802137
			LABRIDAE	
			Crenilabrus cinereus	803023
			Crenilabrus pavo	803023
			MUGILOIDEI	
			Aldrichetta forsteri	802677
			ACANTHOCLINIDAE	
			Acanthoclinus quadridactylus	803215
			CARANGIDAE	
			Trachinotus carolinus	803178
			PERCIDAE	
			Perca flavescens	801026
			Perca fluviatilis	802801
			POMADASYIDAE	
			Parapristipoma trilineatum	801092
			ISTIOPHORIDAE	
			Makaira nigricans	802747
			ANOPLOPOMATIDAE	
			Anoplopoma fimbria	803161
			HEXAGRAMMIDAE	
			Pleurogrammus azonus	800760
			POECILIIDAE	
			POECILIA RETICULATA	800672
			EXOCOETIDAE	
			Hemiramphus marginatus	801929
			CLUPEIDAE	
			Clupea harengus	801966
			Dorosoma cepedianum	801684
			Hilsa ilisha	802766
			ENGRAULIDAE	
			Setipinna godavariensis	801928
			CYPRINIDAE	
			CARASSIUS AURATUS	803326
			CARASSIUS CARASSIUS	803326
			CYPRINUS CARPIO	802485
			Rutilus rutilus	802030
			Tinca tinca	802448
			BAGRIDAE	
			MYSTUS TENGARA	802595
				802957
		CLARIIDAE		
		CLARIAS BATRACHUS	800713	
		HETEROPNEUSTIDAE		
		HETEROPNEUSTES FOSSILIS	800907	
		Sisoridae		
		Glyptothorax pectinopterus	802632	
		GADIDAE		
		POLLACHIUS VIRENS	802922	

MERLUCCIIDAE		GOBIUS GORLAP	802137	REPRODUCTIVE SYSTEM
MERLUCCIUS BILINEARIS	802484	GOBIUS NONULTIMUS	802137	(CONTINUED)
GALAXIIDAE		MESOGOBIUS BATRACHOCEPHALUS	801281	
GALAXIAS MACULATUS	803235	NEOGOBIUS MELANOSTOMUS	802137	
MYCTOPHIDAE		NEOGOBIUS SYRMAN	801281	
LOBIANCHIA DOFLEINI	802060		802137	
LOBIANCHIA GEMELLARI	802060	ICOSTEOIDEI		
SALMONIDAE		ICOSTEUS AENIGMATICUS	802872	
COREGONUS CYLINDRACEUS	803343	CENTRARCHIDAE		
ONCORHYNCHUS KETA	802109	LEPOMIS MACROCHIRUS X		
SALMO TRUTTA	802915	CHAENOBRYTTUS GULOSUS X	802068	
SALVELINUS MALMA	800768	MICROPTERUS PUNCTULATUS	801395	
	800998	MICROPTERUS SALMOIDES	801395	
CHANGE WITH AGE		POMOXIS ANNULARIS	801395	
SALMONIDAE		CENTROPOMIDAE		
SALMO TRUTTA	802625	AMBASSIS GYMNOCEPHALUS	801937	
INFRASPECIFIC VARIATION		CICHLIDAE		
PERCIDAE		TILAPIA MACROCHIR	800040	
STIZOSTEDION LUCIOPERCA	803174	TILAPIA MOSSAMBICA	800040	
CYPRINIDAE		TILAPIA NILOTICA	800040	
ABRAMIS BRAMA	803174	TILAPIA ZILLII	800040	
GEOGRAPHIC VARIATION		LUTJANIDAE		
PERCIDAE		LUTJANUS ERYTHROPTERUS	802819	
STIZOSTEDION LUCIOPERCA	802811	MULLIDAE		
HABITAT DESTRUCTION		UPENEUS MOLUCCENSIS	802819	
PERCIDAE		NEMIPTERIDAE	802819	
STIZOSTEDION LUCIOPERCA	802493	PERCIDAE		
HISTOLOGY		ETHEOSTOMA LEPIDUM	801467	
EMBIOTOCIDAE		ETHEOSTOMA SPECTABILE	801467	
CYMATOGASTER AGGREGATA	801259	PERCA FLUVIATILIS	802801	
BIOCHEMISTRY			803202	
PROTEIN CONTENT		STIZOSTEDION LUCIOPERCA	802821	
EGG		PRIACANTHIDAE		
GADIDAE		PRIACANTHUS TAYENUS	802819	
GADUS MORHUA	803346	SCIAENIDAE		
ABNORMALITY		OTOLITHOIDES BRUNNEUS	801940	
CYPRINIDAE		SERRANIDAE		
ABRAMIS BRAMA	803340	MORONE AMERICANA	802568	
EXPERIMENTAL ANALYSIS		GEMPYLIDAE		
EMBIOTOCIDAE		LEPIDOCYBIUM FLAVOBRUNNEUM	803148	
CYMATOGASTER AGGREGATA	801258	PLEURONECTIDAE		
UNILATERAL COMPENSATION		PSUEDOPLEURONECTES AMERICANUS	802431	
HETEROPNEUSTIDAE		COTTIDAE		
HETEROPNEUSTES FOSSILIS	801361	COTTUS PYGMAEUS	802115	
LIGHT		HEMITRIPTERUS VILLOSUS	802108	
PLECOGLOSSIDAE		MYOXOCEPHALUS QUADRICORNIS	803077	
PLECOGLOSSUS ALTIVELIS	802956	SCORPAENIDAE		
ADAPTATION		SEBASTES MENTELLA	800997	
ACIPENSEROMORPHA	803187	CLUPEIDAE		
EFFECT ON FISH		CLUPEA HARENGUS	801950	
COURTSHIP		HILSA ILISHA	802766	
POECILIIDAE		SARDINELLA JUSSIEU	802819	
POECILIA RETICULATA	801771	ENGRAULIDAE		
		ANCHOA NASO	802878	
		CETENGRAULIS MYSTICETUS	802878	
		ENGRAULIS MORDAX	802878	
		SETIPINNA GODAVARIENSIS	801928	
		SYNAPHOBANCHIDAE		
		ILYOPHIS BRUNNEUS	801352	
		SYNAPHOBANCHUS AFFINIS	801352	
		CHARACIDAE		
		ALESTES IMBERI	801217	
		CYPRINIDAE		
		ABRAMIS BRAMA	801796	
			801925	
			802447	
		BARBUS PALUDINOSUS	801217	
		BARBUS TRIMACULATUS	801217	
		BARBUS VIVIPARUS	801217	
		CARASSIUS AURATUS	803326	
		CARASSIUS CARASSIUS	803326	
		CHALCALBURNUS CHALCOIDES	803159	
		CHROSOMUS ERYTHROGASTER	802066	
		CTENOPHARYNGODON IDELLA	802077	
		CYPRINUS CARPIO	800700	
			802485	
			802077	
		HYPOPHthalmichthys MOLITRIX	803202	
		IDUS IDUS	803202	
		LEUCISCUS IDUS	803202	
		LEUCISCUS LEUCISCUS	803202	
		RUTILUS RUTILUS	801322	
		VIMBA VIMBA	803159	
		ARIIDAE		
		BAGRE MARINUS	803295	
		BAGRIDAE		
		CHRYSIChthys MABUSI	800245	
		MYSTUS TENGARA	802957	
		CLARIIDAE		
		CLARIAS GARIEPINUS	801217	
		CLARIAS MELLANDI	800245	
		HETEROPNEUSTIDAE		
		HETEROPNEUSTES FOSSILIS	801361	
		MOCHOKIDAE		
		SYNODONTIS NIGROMACULATUS	800245	
		SYNODONTIS SCHALL	800473	
		GADIDAE		
		ELEGINUS NAVAGA	801138	

REPRODUCTIVE SYSTEM  
(CONTINUED)

OPISTHOPTERIDAE	800409	HOLACANTHUS ISABELITA X	800581
WINTERIA TELESOPA		HOLACANTHUS CILIARIS X	
BATHYLACONOIDAE		ANATOMY	
BATHYLACO NIGRICANS	801577	ALABETIDAE	
ESOCIDAE		ALABES RUFUS	801954
ESOX LUCIUS	802972	AMPHIPNOIDAE	
GALAXIIDAE		AMPHIPNOUS CUCHIA	800964
GALAXIAS MACULATUS	803235		801954
GALAXIAS VULGARIS	801960	DENTICIPITIDAE	
OSMERIDAE		DENTICEPS CLUPEOIDES	800265
OSMERUS EPERLANUS	800873	ENGRAULIDAE	
	801126	ANCHOA NASO	802878
SALMONIDAE		ENGRAULIS MORDAX	802878
COREGONUS CLUPEIFORMIS	802563	DEXTRALITY OR SINISTRALITY	
COREGONUS CYLINDRACEUS	803343	OSMERIDAE	
COREGONUS HOYI	802749	OSMERUS EPERLANUS	802547
COREGONUS MUKSUN	800873	HISTOLOGY	
COREGONUS PELED	800873	SCARIDAE	
	803199	NICHOLSINA DENTICULATA	803085
ONCORHYNCHUS KISUTCH	802341	SPARISOMA VIRIDE	803085
ONCORHYNCHUS NERKA	800768	OPHIDIIDAE	801578
	802531	ZOARCIDAE	
ONCORHYNCHUS TSHAWYTSCHA	802345	LEUCOBROTULA ADIPATUS	802793
SALMO TRUTTA	800978	PARABROTULA PLAGIOPHTHALMUS	802793
	801494	BATHYLACONOIDAE	
	802625	BATHYLACO NIGRICANS	801577
	803179	FUNCTION	
	803327	DEVELOPMENT	
SALVELINUS MALMA	800998	PETROMYZONTOMORPHA	803390
SALVELINUS NAMAYCUSH	800768	ELASMOBRANCHII	803390
THYMALLUS ARCTICUS	800768	TELEOSTEI	803390
	802351		
	802352	HISTOLOGY	
MORPHOMETRICS		PLATYCEPHALOIDEI	
CYPRINIDAE		INEGOCIA MEERDERVOORTI	800714
RUTILUS FRISII	802445	BELONIDAE	
SPERM		XENENTODON CANCELA	800771
INFRASPECIFIC VARIATION		CYPRINIDAE	
SALMONIDAE		CARASSIUS AURATUS	800734
SALMO ISCHCHAN	803325	SALMONIDAE	
CHANGE WITH AGE		SALMO ISCHCHAN	803325
CYPRINIDAE		DESCRIPTIVE EVOLUTION	
RUTILUS RUTILUS	802917	COELACANTHINI	
TINCA TINCA	802448	LATIMERIA CHALUMNAE	803458
GADIDAE		BIOCHEMISTRY	
LOTA LOTA	803498	MUGILOIDEI	
SALMONIDAE		MUGIL CEPHALUS	800564
SALMO TRUTTA	802915	SEASONAL CHANGES	
NUTRITION		CYPRINIDAE	
SALMONIDAE		CIRRHINA MRIGALA	801326
SALMO TRUTTA	800966	BAGRIDAE	
ARTIFICIAL SELECTION		MYSTUS SEENGHALA	801327
SALMONIDAE		IDENTIFICATION	
SALMO GAIRDNERII	802647	YOUNG	
GEOGRAPHIC VARIATION		PERCIDAE	
Gobiidae		STIZOSTEDION VITREUM	802851
NEOGOBIOUS FLUVIATILIS	801281	FUNCTION	
NEOGOBIOUS MELANOSTOMUS	801281	EMBIOTOCIDAE	
DEVELOPMENT		CYMATOGASTER AGGREGATA	800946
CICHLIDAE		CYPRINIDAE	
TILAPIA GALILAEA	801895	CARASSIUS AURATUS	800734
ADAPTATION		EXPERIMENTAL ANALYSIS	
TELEOSTEI	802458	EMBIOTOCIDAE	
HABITAT DESTRUCTION		CYMATOGASTER AGGREGATA	800610
ACIPENSEROMORPHA		CYPRINIDAE	
ACIPENSER BAERI	802444	CARASSIUS AURATUS	801356
ACIPENSER GULDENSTAEDTI	802444	RADIOACTIVITY	
CLUPEIDAE		ANDROGENS	
CASPIALOSA CASPIA	802444	HETEROPNEUSTIDAE	
CLUPEA HARENGUS	802444	HETEROPNEUSTES FOSSILIS	803481
ENGRAULIDAE		COURTSHIP	
ENGRAULIS	802444	AGGRESSIVE BEHAVIOR	
CYPRINIDAE	802444	POECILIIDAE	
GADIDAE		XIPHOPHORUS MACULATUS	802679
ELEGINUS NAVAGA	802444	DEVELOPMENT	
ESOCIDAE		SALMONIDAE	
ESOX LUCIUS	802444	ONCORHYNCHUS TSHAWYTSCHA	800074
SALMONIDAE		TEMPERATURE	
SALMO GAIRDNERII	802444	CRITICAL PERIOD	
SALMO TRUTTA	802444	CYPRINODONTIDAE	
		RIVULUS MARMORATUS	802273
		EXPERIMENTAL ANALYSIS	
		BELONTIIDAE	
		MACROPODUS OPERCULARIS	802038
FEMALE GENITAL PAPILLA			
Gobiidae		SPERMATOGENESIS	
COTTOGOBIOUS YONGEI	801789	PETROMYZONTOMORPHA	801603
PERCIDAE	801350		803458
ETHEOSTOMA BLENNIOIDES	800141	ELASMOBRANCHII	801603
ETHEOSTOMA RUPESTRE	802117		803458
ZOARCIDAE		TELEOSTEI	801603
LEUCOBROTULA ADIPATUS	802793		803458
PARABROTULA PLAGIOPHTHALMUS	802793	CENTRARCHIDAE	
ESOCIDAE		MICROPTERUS SALMOIDES X	802068
ESOX LUCIUS	800421	CHAENOBRYTTUS GULOSUS X	
ANATOMY		CYPRINODONTIDAE	
CENTRARCHIDAE		FUNDULUS HETEROCLITUS	803458
LEPOMIS MACROCHIRUS	800076	SALMONIDAE	
EXPERIMENTAL ANALYSIS		ONCORHYNCHUS KETA	802891
HETEROPNEUSTIDAE		SALMO SALAR	802372
HETEROPNEUSTES FOSSILIS	801737	ULTRASTRUCTURE	
		RHINOBATIDAE	
		RHINOBATOS CEMICULUS	800401
TESTIS		BIOCHEMISTRY	
CHAETODONTIDAE		TELEOSTEI	800985



EXPERIMENTAL ANALYSIS		EFFECT ON FISH		REPRODUCTIVE SYSTEM
POECILIIDAE		ADENOHYPOPHYSIS		(CONTINUED)
POECILIA SPHENOPS	801405	SALMONIDAE		
TEMPERATURE		SALMO GAIRDNERII	800896	
POECILIIDAE		OÖGENESIS		
POECILIA RETICULATA	803051	FEMALE GENITAL PAPILLA		
		HETEROPNEUSTIDAE		
		HETEROPNEUSTES FOSSILIS	801737	
		THYROID		
SERTOLI CELLS		BAGRIDAE		
FUNCTION		MYSTUS VITTATUS	801290	
TESTICULAR CYCLES			803485	
ELASMOBRANCHII	803458	LIVER		
TELEOSTEI	803458	CARANGIDAE		
ESOCIDAE		TRACHURUS TRACHURUS	802017	
ESOX LUCIUS	803458	SALMONIDAE		
		SALMO GAIRDNERII	800896	
		KIDNEY		
		CYPRINIDAE		
		CARASSIUS AURATUS	800895	
		OÖGENESIS		
		CYPRINIDAE		
		CARASSIUS AURATUS	800895	
INTERSTITIAL TISSUE		TESTIS		
MASTACEMBELIDAE		BELONTIIDAE		
MACROGNATHUS ACULEATUM	800554	MACROPODUS OPERCULARIS	802038	
BELONIDAE		HETEROPNEUSTIDAE		
XENENTODON CANCELA	800771	HETEROPNEUSTES FOSSILIS	803481	
GADIDAE		SEASONAL SEXUAL COLORATION		
MELANOGRAMMUS AEGLEFINUS	801950	SEXUALLY DIMORPHIC KIDNEY		
HISTOLOGY		GASTEROSTEIDAE		
FUNCTION		GASTEROSTEUS ACULEATUS	802214	
PETROMYZONTOMORPHA	803458	SEX REVERSAL		
ELASMOBRANCHII	803458	ORYZIATIDAE		
TELEOSTEI	803458	ORYZIAS LATIPES	802437	
ULTRASTRUCTURE		RATE OF GROWTH		
DEVELOPMENT		CYPRINIDAE		
SEASONAL CHANGES		CARASSIUS AURATUS	800895	
GASTEROSTEIDAE		SALMONIDAE		
GASTEROSTEUS ACULEATUS	801298	SALMO GAIRDNERII	800896	
BIOCHEMISTRY		SEX RATIO		
HISTOLOGY		SEXUAL DIMORPHISM		
GASTEROSTEIDAE		CICHLIDAE		
GASTEROSTEUS ACULEATUS	803383	TILAPIA MOSSAMBICA	802692	
BLENNIDAE	803383	COURTSHIP		
GOBIIDAE		POECILIIDAE		
GOBIUS PAGANELLUS	803383	XIPHOPHORUS MACULATUS	801733	
LABRIDAE				
CORIS JULIS	803383			
SOLEIDAE				
SOLEA SOLEA	803383			
BELONIDAE				
BELONE BELONE	803383			
CYPRINIDAE				
TINCA TINCA	803383			
		TESTICULAR CYCLES		
		PETROMYZONTOMORPHA	803458	
		ELASMOBRANCHII	803458	
		ACIPENSEROMORPHA		
		ACIPENSER GULDENSTAEDTI	802486	
			803342	
		ACIPENSER RUTHENUS	802486	
		ACIPENSER STELLATUS	802486	
		HUSO HUSO	802486	
		TELEOSTEI	803458	
ANDROGENS		BELONTIIDAE		
PLEURONECTIDAE		TRICHOASTER TRICHOPTERUS	803364	
MICROSTOMUS KITT	801950	MASTACEMBELIDAE		
BIBLIOGRAPHY	800991	MACROGNATHUS ACULEATUM	800554	
BIOCHEMISTRY		ACANTHOCLINIDAE		
RAJIDAE		ACANTHOCLINUS QUADRIDACTYLUS	803215	
RAJA RADIATA	801307	CARANGIDAE		
	801358	TRACHINOTUS CAROLINUS	803178	
SALMONIDAE		ISTIOPHORIDAE		
SALMO SALAR	801358	MAKAIIRA NIGRICANS	802747	
FUNCTION		BELONIDAE		
AGGRESSIVE BEHAVIOR		XENENTODON CANCELA	800771	
NEST CONSTRUCTION		CLUPEIDAE		
COURTSHIP		CLUPEA HARENGUS	801966	
GASTEROSTEIDAE		CYPRINIDAE		
GASTEROSTEUS ACULEATUS	803460	RUTILUS RUTILUS	802030	
BELONTIIDAE		GADIDAE		
BETTA SPLENDENS	803460	POLLACHIUS VIRENS	802921	
GOBIIDAE		MERLUCCIIDAE		
BATHYGOBIUS SOPORATOR	803460	MERLUCCIIUS BILINEARIS	802484	
CICHLIDAE	803460	GALAXIIDAE		
POECILIIDAE	803460	GALAXIAS MACULATUS	803235	
PARENTAL CARE OF EGGS		SALMONIDAE		
GASTEROSTEIDAE		COREGONUS CYLINDRACEUS	803343	
GASTEROSTEUS ACULEATUS	803460	ONCORHYNCHUS KETA	802109	
BELONTIIDAE			802891	
BETTA SPLENDENS	803460		803325	
GOBIIDAE			802915	
BATHYGOBIUS SOPORATOR	803460			
CICHLIDAE	803460			
POECILIIDAE	803460			
BIOCHEMISTRY				
TORPEDINIDAE				
TORPEDO MARMORATA	801454			
EXPERIMENTAL ANALYSIS				
ORYZIATIDAE				
ORYZIAS LATIPES	800661			
	800662			
	800729			
CAUDAL FIN				
POECILIIDAE				
XIPHOPHORUS	802631			
TESTIS				
TELEOSTEI	803458			
DEVELOPMENT				
CYPRINIDAE				
CARASSIUS AURATUS	801564			
DEVELOPMENT				
MUGILOIDEI				
MUGIL CEPHALUS	800564			
		MALE GENITAL PAPILLA		
		PERCIDAE	801350	
		ETHEOSTOMA BLENNIOIDES	800141	
		MOCHOKIDAE		

REPRODUCTIVE SYSTEM (CONTINUED)	SYNDONTIS SCHALL ESOCIDAE ESOX LUCIUS GALAXIIDAE GALAXIAS MACULATUS SEASONAL CHANGES EMBIOTOCIDAE CYMATOGASTER AGGREGATA ANATOMY CENTRARCHIDAE LEPOMIS MACROCHIRUS EXPERIMENTAL ANALYSIS ANDROGENS CICHLIDAE TILAPIA MOSSAMBICA	800473  800421  803235   801259  800076    802692	SPARIDAE CALAMUS PENNATULA SPARUS AURATUS	800629 800629
SEXUAL DIMORPHISM			SYNCHRONOUS HERMAPHRODITISM CYPRINODONTIDAE RIVULUS MARMORATUS	800979 802273
			PROTOGYNOUS HERMAPHRODITISM LABRIDAE CORIS JULIS	800752 801673 803085
COPULATORY ORGANS	CLINIDAE STARKSIA ATLANTICA STARKSIA FASCIATA STARKSIA LEPICOELIA STARKSIA NANODES STARKSIA OCELLATA	 801949 801949 801949 801949 801949	SCARIDAE SPARIDAE SPARUS CAERULEOSTICTUS SYNBRANCHIDAE MONOPTERUS SYNBRANCHUS MARMORATUS TYPHLOSYNBRANCHUS FUNCTION DESCRIPTIVE EVOLUTION SYNBRANCHIDAE SYNBRANCHUS BENGALISIS SYNBRANCHUS MARMORATUS TYPHLOSYNBRANCHUS BOUETI	     800812 800812 800812   801954 801954 801954
PENIS	OPHIDIIDAE BELLOTTIA APODA ZOARCIDAE LEUCOBROTULA ADIPATUS PARABROTULA PLAGIOPHTHALMUS ZOARCES VIVIPARUS	 801758  802793 802793 803328	PROTANDROUS HERMAPHRODITISM PLATYCEPHALOIDEI INEGOCIA MEERDERVOORTI	    800714
CLASPERS	ANATOMY RAJIDAE BATHYRAJA ISOTRACHYS BREVIRAJA COLESI DEVELOPMENT RAJIDAE	  802126 802126  802193	SEXUAL DIMORPHISM PETROMYZONTOMORPHA ICHTHYOMYZON CASTANEUS ICHTHYOMYZON FOSSOR ICHTHYOMYZON UNICUSPIS LAMPETRA LAMOTTEI ACIPENSEROMORPHA PSEUDOSCAPHIRHYNCHUS KAUFMANNI BELONTIIDAE SPAERICHTHYS OSPHROMENOIDES BLENNIIDAE GOBIIDAE MICROGOBIUS CROCATUS CICHLIDAE NANOCHROMIS PELMATOCHROMIS PELMATOCHROMIS ROLOFFI PELMATOCHROMIS TAENIATUS TILAPIA MOSSAMBICA	    802190 802190 802190 802190  802818  802500 800999  802058  800709 800709 800707 803251 802689
GONOPODIUM	GROSS EXTERNAL ANATOMY POECILIIDAE CNESTERODON DECEMMACULATUS	  802619	SCORPAENIDAE TRACHYSCORPIA CRISTULATA CHARACIDAE ALESTES IMBERI CYPRINIDAE BARILIUS ZAMBEZENSIS SISORIDAE CHILOGLANIS ANOTERUS MORMYRIDAE PETROCEPHALUS CATOSTOMA KNERIIDAE KNERIA AURICULATA SALMONIDAE SALVELINUS MALMA FEEDING GADIDAE LOTA LOTA ABNORMALITY POECILIIDAE POECILIA RETICULATA	    803131  802689  802689  802689  802689  800998  803499  800633
SPERMATOPHORE	OPHIDIIDAE BELLOTTIA APODA ZOARCIDAE PARABROTULA PLAGIOPHTHALMUS ANATOMY FUNCTION HORAICHTHYIDAE POECILIIDAE TOMEURUS GRACILIS OPHIDIIDAE	 801758  802793   801578  801578 801578		
SPERMOZEUGMA	POECILIIDAE TOMEURUS GRACILIS	 801578		
HERMAPHRODITIC GONADS	MYXINOMORPHA ELASMOBRANCHII TELEOSTEI CLUPEIDAE ALOSA PSEUDOHARENGUS NOTOPTERIDAE NOTOPTERUS NOTOPTERUS MERLUCCIIDAE MERLUCCIUS MERLUCCIUS SALMONIDAE SALVELINUS MALMA HISTOLOGY SCARIDAE SCARUS TAENIOPTERUS SERRANIDAE CHELIDOPERCA HIRUNDINACEA EPINEPHELUS CHLOROSTIGMA SERRANUS CABRILLA SPARIDAE CALAMUS PENNATULA SPARUS AURATUS EXPERIMENTAL ANALYSIS SERRANIDAE SERRANUS CABRILLA	803390 803390 803390  802125  801453 800462  802756  803085  800629 800629 800629  800629 800629  800629	SEXUALLY DIMORPHIC SIZE PETROMYZONTOMORPHA LAMPETRA FLUVIATILIS ACIPENSEROMORPHA ACIPENSER FULVESCENS GOBIIDAE NEOGOBIOUS MELANOSTOMUS CENTRARCHIDAE LEPOMIS MEGALOTIS PERCIDAE STIZOSTEDION LUCIOPERCA STIZOSTEDION VITREUM  SERRANIDAE MORONE SAXATILIS ISTIOPHORIDAE MAKAIIRA NIGRICANS PLEURONECTIDAE HIPPOGLOSSUS HIPPOGLOSSUS LIMANDA ASPERA SOLEIDAE	    803320  802416 803330  801685  803074 800876 802851  802986  802747  802139 801097

PEGUSA LASCARIS	801995	BROOD POUCH		SEXUAL DIMORPHISM
SOLEA SOLEA	801995	ULTRASTRUCTURE		(CONTINUED)
TRIGLIDAE		SYNGNATHIDAE		
TRIGLA HIRUNDO	802165	HIPPOCAMPUS KUDA	800636	
POECILIIDAE		FUNCTION		
POECILIA RETICULATA	803362	SYNGNATHIDAE		
EXOCOETIDAE		HIPPOCAMPUS KUDA	800636	
DERMOGENYS PUSILLUS	803363		800954	
HEMIRHAMPHODON POGONOGNATHUS	803363			
CLUPEIDAE				
HILSA ILISHA	802766			
ENGRAULIDAE		PEARL ORGANS		
ENGRAULIS MORDAX	802878	CYPRINIDAE		
CYPRINIDAE		PUNTIUS UMALII	802135	
ABRAMIS BRAMA	803190			
BARBUS ANOPLUS	802901			
BARBUS MOTEBENSIS	802901			
BARBUS TOPPINI	802901			
CYPRINUS CARPIO	800043			
	802485	NUPTIAL TUBERCLES		
BATRACHOIDIFORMES		CYPRINIDAE		
OPSANUS TAU	802988	BARBUS MOTEBENSIS	802901	
GADIDAE		BARBUS TOPPINI	802901	
MICROMESISTIUS POUTASSOU	801131	NOTROPIS AMOENUS	802211	
	801132	ZACCO BARBATUS	801891	
	802024	ZACCO PLATYPUS	801891	
TRISOPTERUS ESMARKII	801984	ZACCO SPILURUS	801891	
SALMONIDAE				
ONCORHYNCHUS TSHAWYTSCHA	800768			
SALMO TRUTTA	803084	SEXUALLY DIMORPHIC TEETH		
THYMALLUS ARCTICUS	802354	MULLIDAE		
THYMALLUS THYMALLUS	803075	PSEUDUPENEUS GRANDISQUAMIS	800148	
		PSEUDUPENEUS MACULATUS	800148	
		EXPERIMENTAL ANALYSIS		
		ESTROGENS		
		ORYZIATIDAE		
		ORYZIAS LATIPES	803119	
SEXUALLY DIMORPHIC BODY FORM				
BELONIDAE				
XENENTODON CANCELA	800971			
SALMONIDAE				
SALMO TRUTTA	801494			
PERMANENT SEXUAL COLORATION		SEXUALLY DIMORPHIC FINS		
BLENNIIDAE		PETROMYZONTOMORPHA		
BLENNIUS INCOGNITUS	803062	MORDACIA PRAECOX	801492	
BLENNIUS ZVONIMIRI	803062	LABRIDAE		
CLINIDAE		CIRRHILABRUS CYANOPELURA	800877	
LABRISOMUS NIGRICINCTUS	801949	CHARACIDAE		
GOBIIDAE		LADIGESIA ROLOFFI	800109	
COTTOGOBIUS YONGEI	801789	COBITIDAE		
GOBIOSOMA RANDALLI	801920	LEPIDOCEPHALUS BIRMANICUS	800878	
GOBIOSOMA SPILOTUM	801920	LEPIDOCEPHALUS GUNTEA	800878	
LABRIDAE		LEPIDOCEPHALUS THERMALIS	800878	
CIRRHILABRUS CYANOPELURA	800877	CYPRINIDAE		
CORIS JULIS	801673	ALGANSEA MONTICOLA	803066	
HALICHOERES GARNOTI	801917	NOTROPIS WELAKA	802259	
	801949	PUNTIUS FILAMENTOSUS	803017	
HALICHOERES MARGARITACEUS	800952	ANAL FIN		
HALICHOERES PICTUS	801917	SALMONIDAE		
	801949	SALMO CARPIO	802399	
HALICHOERES POEYI	801917	SALMO LETNICA	802399	
HALICHOERES RADIATUS	801917	SALMO ISCHCHAN	802399	
HALICHOERES MACULIPINNA	801917	SALMO TRUTTA	802399	
HEMIPTERONOTUS MARTINICENSIS	801917	CAUDAL FIN		
HEMIPTERONOTUS NOVACULA	801917	DEVELOPMENTAL ANALYSIS		
HEMIPTERONOTUS SPLENDENS	801917	INHERITANCE		
THALASSOMA BIFASCIATUM	801917	POECILIIDAE		
SCARIDAE	801917	XIPHOPHORUS	802631	
	801949	EXPERIMENTAL ANALYSIS		
SCARUS COERULEUS	801917	ORYZIATIDAE		
SCARUS CROICENSIS	801917	ORYZIAS LATIPES	800662	
SCARUS TAENIOPTERUS	801917			
SCARUS VETULA	801917	SEXUALLY DIMORPHIC SKELETON		
SPARISOMA AUROFRENATUM	801917	GILL RAKERS		
SPARISOMA CHRYSOPTERUM	801917	ENGRAULIDAE		
SPARISOMA RADIANS	801917	ENGRAULIS ENCRASICOLUS	801399	
SPARISOMA VIRIDE	801917			
PERCIDAE		GIBBOUS FOREHEAD		
ETHEOSTOMA BELLUM	802192	LABRIDAE		
BELONIDAE		CENTROLABRUS EXOLETUS	800704	
XENENTODON CANCELA	800971	CORIS JULIS	800704	
BAGRIDAE		SCARIDAE		
LEIOCASSIS POECILOPTERUS	802896	SCARUS COERULEUS	801917	
SEASONAL SEXUAL COLORATION				
GASTEROSTEIDAE		SEXUALLY DIMORPHIC GAS BLADDER		
GASTEROSTEUS WHEATLANDI	802608	ANATOMY		
GOBIIDAE		FUNCTION		
PERIOPHTHALMUS CHRYSOSPILOS	803213	OPHIDIIDAE		
CYPRINIDAE		OTOPHIDIUM SCRIPPSI	802866	
BARBUS ANOPLUS	802901			
BARBUS MOTEBENSIS	802901			
BARBUS PALLIDUS	802901			
NOTROPIS AMOENUS	802211			
EXPERIMENTAL ANALYSIS		SEXUALLY DIMORPHIC KIDNEY		
GASTEROSTEIDAE		EXPERIMENTAL ANALYSIS		
GASTEROSTEUS ACULEATUS	802214	GASTEROSTEIDAE		
		GASTEROSTEUS ACULEATUS	802214	

SEXUAL DIMORPHISM (CONTINUED)	BIOCHEMICAL SEX DIFFERENCES		SELAR KALLA	800441
	PETROMYZONTOMORPHA	801911	PERCIDAE	
	SCYLIORHINIDAE		PERCA FLUVIATILIS	803018
	SCYLIORHINUS STELLARIS	801911	COTTIDAE	
	GADIDAE		HEMITRIPTERUS VILLOSUS	802108
ONTOGENY	GADUS MORHUA	800178	TRIGLIDAE	
	SALMONIDAE		TRIGLA OBSCURA	800886
	SALMO SALAR	801911	CYPRINODONTIDAE	803391
	OXYGEN CONSUMPTION		NOTHOBRANCHIUS	803391
	CALLIONYMOIDEI		BELONIDAE	
	CALLIONYMUS LYRA	802239	TYLOSURUS CROCODILUS	801930
	LIPID AND FATTY ACID CONTENT		EXOCOETIDAE	
	CLUPEIDAE		HYPORHAMPHUS QUOYI	800448
	CLUPEA HARENGUS	801871	CLUPEIDAE	
	GLUCOSE CONTENT		OPISTHOPTERUS TARDOORE	801931
	CATOSTOMIDAE		MURAENIDAE	800440
	CATOSTOMUS COMMERSONII	800950	CYPRINIDAE	
	ESOCIDAE		ABRAMIS BRAMA	802150
	ESOX LUCIUS	800950	BARBUS HOLUBI	802254
	POISON CONTENT		MERLUCCIIDAE	
	LUTJANIDAE		MERLUCCIUS BILINEARIS	802484
	LUTJANUS BOHAR	803086	ZOARCIDAE	
	COLOR VISION		ZOARCES VIVIPARUS	803328
	GASTEROSTEIDAE		GALAXIIDAE	
	GASTEROSTEUS ACULEATUS	802240	GALAXIAS VULGARIS	801960
	SERUM PROTEINS		SALMONIDAE	
	PERCIDAE		SALVELINUS MALMA	800998
	STIZOSTEDION LUCIOPERCA	803169	LDH ISOENZYMES	
	AMINO ACIDS		SALMONIDAE	
	POECILIIDAE		SALMO TRUTTA X	
	POECILIA SPHENOPS	802930	SALMO GAIRDNERII X	803356
	IODINE		TEMPERATURE	
	SERUM PROTEINS		EXPERIMENTAL ANALYSIS	
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	HYDROLAGUS COLLIEI	802470	GADIDAE	
	RAJIDAE		MELANOGRAMMUS AEGLEFINUS	802922
	RAJA BINOCULATA	802470	BIOCHEMISTRY	
	SQUALIDAE		WATER CONTENT	
	SQUALUS ACANTHIAS	802470	LIPID AND FATTY ACID CONTENT	
	PERCIFORMES	802470	SALMONIDAE	
	PLEURONECTIDAE		SALMO GAIRDNERII	802945
	PLATICHTHYS STELLATUS	802470	ABNORMALITY	
	CATOSTOMIDAE		SALMONIDAE	
	CATOSTOMUS COMMERSONII	802470	SALMO GAIRDNERII	800395
	CYPRINIDAE		EXPERIMENTAL ANALYSIS	
	CYPRINUS CARPIO	802470	TEMPERATURE	
	BATRACHOIDIFORMES		CYPRINIDAE	
	PORICHTHYS NOTATUS	802470	BRACHYDANIO RERIO	802943
	GADIDAE		VIMBA VIMBA	802804
	LOTA LOTA	802470	EFFECT ON FISH	
	ESOCIDAE		TEMPERATURE	
	ESOX LUCIUS	802470	GALAXIIDAE	
	SALMONIDAE		GALAXIAS MACULATUS	801959
	COREGONUS CLUPEAFORMIS	802470	DEUTERIUM	
	SALMO GAIRDNERII	802470	EXPERIMENTAL ANALYSIS	
	THYMALLUS ARCTICUS	802470	SALMONIDAE	
			SALVELINUS FONTINALIS	803056
	DIFFERENTIAL SEX MORTALITY		EGG	
	PERCIDAE		GOBIIDAE	803162
	STIZOSTEDION VITREUM	802851	CHAENOGOBIOUS UROTAENIA	802892
	CLUPEIDAE		ICOSTEOIDEI	
	ALOSA PSEUDOHARENGUS	801881	ICOSTEUS AENIGMATICUS	802872
	HEAVY METAL POLLUTANTS		NOTOTHENIIDAE	
	POECILIIDAE		HARPAGIFER BISPINIS	801010
	XIPHOPHORUS MACULATUS	802852	CARANGIDAE	800441
	CYPRINIDAE		CARANX CARANGUS	800441
	PIMEPHALES PROMELAS	802852	SELAR KALLA	800441
			SERIOLA QUINQUERADIATA	801677
			TRACHURUS TRACHURUS	803040
	SEXUALLY DIMORPHIC PHOTOPHORE		CICHLIDAE	
	MYCTOPHIDAE		SYMPHYSDON	801656
	DIAPHUS	802060	BOTHIDAE	
	LOBIANCHIA DOFLEINI	802060	ARNOGLOSSUS LATERNA	803040
	LOBIANCHIA GEMELLARI	802060	PHYRNOHOMBUS REGIUS	801995
			PLEURONECTIDAE	
			PLEURONECTES MICROCEPHALUS	803040
			SOLEIDAE	
			BUGLOSSIDIUM LUTEUM	803040
			PEGUSA LASCARIS	801995
			SOLEA SOLEA	803040
	LIFE HISTORY		COTTIDAE	
	CYPRINODONTIDAE		HEMITRIPTERUS VILLOSUS	802108
	CYPRINODON VARIEGATUS	800381	SCORPAENIDAE	
	FLORIDICHTHYS CARPIO	800381	SCORPAENA PORCUS	802002
	JORDANELLA FLORIDA	800381	TRIGLIDAE	
			TRIGLA OBSCURA	800886
			CAPROIDAE	
			CAPROS APER	803040
	GENERAL EMBRYOLOGY		ATHERINIDAE	
	PETROMYZONTOMORPHA		LABIDESTHES SICCOLUS	802733
	ICHTHYOMYZON CASTANEUS	802190	BELONIDAE	
	ICHTHYOMYZON FOSSOR	802190	TYLOSURUS CROCODILUS	801930
	ICHTHYOMYZON UNICUSPIS	802190	EXOCOETIDAE	
	LAMPETRA LAMOTTEI	802190	HEMIRAMPHUS MARGINATUS	801929
	PETROMYZON MARINUS	802190	HYPORHAMPHUS QUOYI	800448
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	ACANTHOCLINUS QUADRIDACTYLUS	803215	ENGRAULIS MORDAX	802878
	CARANGIDAE	800441	CONGRIDAE	
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CILIATA MUSTELA	803040	HISTOLOGY		
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GALAXIAS MACULATUS	801959	TILAPIA MOSSAMBICA	800427	
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NITROGENOUS CONTENT		PLEURONECTIDAE		
ORYZIATIDAE		LIMANDA LIMANDA	802252	
ORYZIAS LATIPES	800808	PLATICHTHYS FLESUS	802252	
OXIDATIVE METABOLISM		GADIDAE		
SALMONIDAE		GADUS MORHUA	802252	
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MORONE LABRAX	801570	SCOMBER SCOMBRUS	800257	
TRACHINIDAE		STROMATEIDAE		
TRACHINUS VIPERA	801570	PEPRILUS TRIACANTHUS	800257	
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PHRYNORHOMBUS REGIUS	801570	PSEUDOPLEURONECTES AMERICANUS	800257	
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TAUTOGOLABRUS ADSPERSUS	800559	ALOSA PSEUDOHARENGUS	800257	
BOTHIDAE		CYPRINIDAE		
SCOPHTHALMUS AQUOSUS	800559	NOTEMIGONUS CRYSOLEUCAS	800257	
SCOPHTHALMIDAE		BATRACHOIDIFORMES		
SCOPHTHALMUS AQUOSUS	800559	OPSANUS TAU	800257	
TRIGLIDAE		UMBRIDAE		
PRIONOTUS	800559	UMBRA LIMI	800257	
CLUPEIDAE		SALMONIDAE		
BREVOORTIA TYRANNUS	800559	SALMO GAIRDNERII	800257	
ENGRAULIDAE		PROTEIN CONTENT		
ANCHOA MITCHILLI	800559	COTTIDAE		
GADIDAE		MYOXOCEPHALUS QUADRICORNIS	803076	
ENCHELYOPUS CIMBRIUS	800559	GADIDAE		
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PLEURONECTIDAE		CLUPEIDAE		
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PLEURONECTES PLATESSA	801945	COLORATION		
COTTIDAE		NUTRITION		
COTTUS BUBALIS	801945	COTTIDAE		
CLUPEIDAE		MYOXOCEPHALUS QUADRICORNIS	802526	
CLUPEA HARENGUS	801945	DEVELOPMENT		
SPRATTUS SPRATTUS	801945	PLEURONECTIDAE		
GADIDAE		PAROPHRYUS VETULUS	802299	
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OREOSOMATIDAE		GADIDAE		
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MERLUCCIIDAE		ESOCIDAE		
MERLUCCIUS SENEGALENSIS	800968	ESOX LUCIUS	801945	
MERLUCCIUS CAPENSIS	800968	LIPID AND FATTY ACID CONTENT		
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HYDRODYNAMICS		CALLIONYMUS LYRA	803040	
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TAUTOGOLABRUS ADSPERSUS	800559	TRACHINUS VIPERA	803040	
BOTHIDAE		SOLEIDAE		
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SCOPHTHALMIDAE		TRIGLIDAE		
SCOPHTHALMUS AQUOSUS	800559	TRIGLA GURNARDUS	803040	

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	TEMPERATURE		PLEURONECTIDAE	
	CYPRINIDAE		PAROPHRYS VETULUS	801821
	TINCA TINCA	802483	PLATICHTHYS STELLATUS	801821
	STRONTIUM		PSETTICHTHYS MELANOSTICTUS	801821
	PERMEABILITY		COTTIDAE	
	COBITIDAE		LEPTOCOTTUS ARMATUS	801821
	MISGURNUS FOSSILIS	803164	SCORPAENICHTHYS MARMORATUS	801821
			SCORPAENIDAE	
			SEBASTODES CAURINUS	801821
			CLUPEIDAE	
			CLUPEA HARENGUS	801821
			CATOSTOMIDAE	
			CATOSTOMUS MACROCHEILUS	801821
			CYPRINIDAE	
			CYPRINUS CARPIO	801821
			PTYCHOCHEILUS OREGONENSIS	801821
			BATRACHOIDIFORMES	
			PORICHTHYS NOTATUS	801821
			GADIDAE	
			GADUS MACROCEPHALUS	801821
			MERLUCCIIDAE	
			MERLUCCIIUS PRODUCTUS	801821
			SALMONIDAE	
			ONCORHYNCHUS TSHAWYTSCHA	801821
EGG SIZE			CHORION	
	GASTEROSTEIDAE		BIOCHEMISTRY	
	GASTEROSTEUS ACULEATUS	802459	ORYZIATIDAE	
	Gobiidae	803162	ORYZIAS LATIPES	801056
	GLOSSOGOBIOUS GIURUS	801946	FUNCTION	
	CENTROPOMIDAE		SALMONIDAE	
	AMBASSIS GYMNOCEPHALUS	803361	SALMO GAIRDNERII	801964
	AMBASSIS KOPSII	803361	DEVELOPMENT	
	CICHLIDAE		SALMONIDAE	
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	ETHEOSTOMA SPECTABILE	801467	ACIPENSEROMORPHA	
	PERCA FLUVIATILIS	803202	ACIPENSER STELLATUS	802809
			FUNCTION	
	SCOMBRIDAE		ORYZIATIDAE	
	SCOMBER SCOMBRUS	801998	ORYZIAS LATIPES	801559
	PLEURONECTIDAE	801459	DEVELOPMENT	
	CYCLOPTERIDAE		TELEOSTEI	801603
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	SCORPAENIDAE			
	SCORPAENA PORCUS	802002		
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	CLUPEA PALLASI	800834		
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	CYPRINUS CARPIO	803202		
	IDUS IDUS	803202		
	LEUCISCUS LEUCISCUS	803202		
	RUTILUS FRISII	802445		
	CLARIIDAE			
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	BOREOGADUS SAIDA	801137		
	LOTA LOTA	803498		
	MICROMESISTIUS POUTASSOU	801131		
	MERLUCCIIDAE			
	MERLUCCIIUS BILINEARIS	802484		
	GALAXIIDAE			
	GALAXIAS MACULATUS	803235		
	OSMERIDAE			
	OSMERUS EPERLANUS	801126		
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	SALMO TRUTTA	802625		
	DEVELOPMENT			
	PLEURONECTIDAE			
	HIPPOGLOSSOIDES ELASSODON	801751		
	DESCRIPTIVE EVOLUTION			
	SALMONIDAE	802521		

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AMPHIPNOIDAE		
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CRENILABRUS CINEREUS X	802252	
CRENILABRUS CINEREUS X		
CRENILABRUS OCELLATUS X	802252	
PLEURONECTIDAE		
LIMANDA LIMANDA X		
GADUS MORHUA X	802252	
PLATICHTHYS FLESUS X	802252	
PLATICHTHYS FLESUS X		
GADUS MORHUA X	802252	
LIMANDA LIMANDA X	802252	
GADIDAE		
GADUS MORHUA X		
LIMANDA LIMANDA X	802252	
PLATICHTHYS FLESUS X	802252	
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COBITIDAE		
MISGURNUS FOSSILIS	801530	
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CYPRINIDAE		
BRACHYDANIO RERIO	800349	
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EMBIOTOCIDAE		
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PLEURONECTIDAE		
PAROPHRYS VETULUS	802868	
BIOCHEMISTRY		
SALMONIDAE		
SALMO SALAR	803344	
<b>EMBRYOGENESIS</b>		
SQUALIDAE		
SQUALUS ACANTHIAS	803406	
EMBIOTOCIDAE		
HYPERPROSOPON ARGENTEUM	802869	
PLEURONECTIDAE		
PAROPHRYS VETULUS	802868	
ENDOMESENCHYME		
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OPSANUS TAU	801952	

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EMBIOTOCIDAE		
HYPERPROSOPON ARGENTEUM	802869	
PLEURONECTIDAE		
PAROPHRYS VETULUS	802868	
CRANIAL NERVES		
BATRACHOIDIFORMES		
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OXYGEN CONSUMPTION		
SALMONIDAE		
SALMO TRUTTA	801329	
SALMO GAIRDNERII	801329	
NITROGENOUS CONTENT		
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RAJIDAE		
RAJA BINOCULATA	802668	
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VITAMIN C		
OXIDATIVE METABOLISM		
SALMONIDAE		
SALMO TRUTTA	802675	
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ATP ASE CONTENT AND FUNCTION		
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MISGURNUS ANGUILLICAUDATUS	802796	
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SALMONIDAE		
SALMO GAIRDNERII	800243	
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RAJIDAE		
RAJA BINOCULATA	800262	
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ORYZIAS LATIPES	801074	
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ZOARCIDAE		
ZOARCES VIVIPARUS	803328	
BIOCHEMISTRY		
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MISGURNUS FOSSILIS	802042	
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ZOARCIDAE		
ZOARCES VIVIPARUS	800270	
<b>DEVELOPMENT OUT OF WATER</b>		
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GALAXIAS MACULATUS	801959	
	801963	
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SALMO GAIRDNERII	801964	
<b>HATCHING</b>		
PLEURONECTIDAE		
PAROPHRYS VETULUS	802868	
<b>HATCHING GLANDS</b>		
BIOCHEMISTRY		
ORYZIATIDAE		
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<b>DELAYED HATCHING</b>		
CYPRINODONTIDAE		
NOTHOBRANCHIUS ORTHONOTUS	801217	
GALAXIIDAE		
GALAXIAS MACULATUS	801959	
	801963	
	803235	
<b>LARVA</b>		
PETROMYZONTOMORPHA		
LAMPETRA FLUVIATILIS	803145	
DIPNOI		
NEOCERATODUS FORSTERI	803469	
AMMODYTIDAE		
AMMODYTES LANCEOLATUS	803040	
BADIDAE		

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ONTOGENY (CONTINUED)	BADIS BADIS	803012	MURAENESOCIDAE	
	CALLIONYMOIDEI		CYNOPONTICUS FEROX	800402
	CALLIONYMUS LYRA	803040	OPHICHTHIDAE	
	NOTOTHENIIDAE		ECHELUS MYRUS	802712
	HARPAGIFER BISPINIS	801010	MYROPHIS PLUMBEUS	802712
	NOTOTHENIA ROSSII	801010	IDIACANTHIDAE	
	TREMATOMUS NEWNESI	801010	IDIACANTHUS FASCIOLA	800449
	CARANGIDAE	800441	IDENTIFICATION	
	CARANX CARANGUS	800441	BOTHIDAE	
	SELAR KALLA	800441	SYACIUM GUINEENSIS	800911
	SERIOLA QUINQUERADIATA	801677	DEVELOPMENT	
	TRACHURUS TRACHURUS	803040	SCOMBRIDAE	
	SPARIDAE		ACANTHOCYBIUM SOLANDRI	801825
	OBLADA MELANURA	803040	DESCRIPTIVE EVOLUTION	
	PAGELLUS CENTRODONTUS	803040	ELOPIDAE	801371
	SCOMBRIDAE		HISTOLOGY	
	SCOMBER SCOMBRUS	803040	ULTRASTRUCTURE	
	TRICHIURIDAE		EXOCOETIDAE	
	LEPIDOPUS CAUDATUS	803040	HEMIRAMPHUS SAJORI	801588
	XIPHIIDAE		ULTRASTRUCTURE	
	XIPHIAS GLADIUS	803040	INTESTINE	
	BOTHIDAE		EXOCOETIDAE	
	ARNOGLOSSUS LATERNA	803040	HEMIRAMPHUS SAJORI	800922
	ZEUGOPTERUS NORVEGICUS	803040	IDENTIFICATION	
	PLEURONECTIDAE		ANGUILLIDAE	
	PLEURONECTES MICROCEPHALUS	803040	ANGUILLA JAPONICA	802899
	SOLEIDAE		CONGRIDAE	
	MICROCHIRUS VARIEGATUS	803040	GNATHOPHIS	801282
	PEGUSA LASCARIS	803040	DEVELOPMENT	
	SOLEA SOLEA	803040	PERCIDAE	
	CYCLOPTERIDAE		STIZOSTEDION CANADENSE	802751
	LIPARIS MONTAGUI	803040	STIZOSTEDION CANADENSE X	
	TRIGLIDAE		STIZOSTEDION VITREUM X	802751
	TRIGLA OBSCURA	800886	STIZOSTEDION VITREUM	802751
	MURAENIDAE	800440	STIZOSTEDION VITREUM X	
	MEGALOPIDAE		STIZOSTEDION CANADENSE X	802751
	MEGALOPS ATLANTICA	803316	DEVELOPMENT	
	GADIDAE		ACANTHOCLINIDAE	
	MICROMESISTIUS POUTASSOU	803040	ACANTHOCLINUS QUADRIDACTYLUS	803215
	MOLVA MOLVA	803040	CARANGIDAE	
	RHINONEMUS CIMBRIUS	803040	CHLOROSCOMBRUS CHRYSURUS	800172
	TRISOPTERUS LUCUS	803040	SCYRIS ALEXANDRINA	800172
	TRISOPTERUS MINUTUS	803040	CENTRARCHIDAE	
	MERLUCCIIDAE		POMOXIS ANNULARIS	802724
	MERLUCCIUS MERLUCCIUS	803040	PERCIDAE	
	ZOARCIDAE		PERCA FLUVIATILIS	803018
	PARABROTULA PLAGIOPHTHALMUS	802793	SERRANIDAE	
	ZOARCES VIVIPARUS	803328	MORONE LABRAX	801570
	LOPHIIDAE		ISTIOPHORIDAE	
	LOPHIUS PISCATORIUS	803040	MAKAIRA MAZARA	803380
	ARGENTINIDAE		TETRAPTERUS ANGUSTIROSTRIS	803380
	ARGENTINA SPHYRAENA	803040	XIPHIIDAE	
	GALAXIIDAE		XIPHIAS GLADIUS	803380
	GALAXIAS MACULATUS	801269	PLEURONECTIDAE	
		803235	PAROPHRYUS VETULUS	802868
	MYCTOPHIDAE		COTTIDAE	
	LAMPANYCTUS CROCODILUS	803040	HEMITRIPTERUS VILLOSUS	802108
	LAMPANYCTUS MADERENSIS	803040	BELONIDAE	
	MYCTOPHUM PUNCTATUM	803040	TYLOSURUS CROCODILUS	801930
	PARALEPIDIDAE		CLUPEIDAE	
	PARALEPIS RISSOI	803040	OPISTHOPTERUS TARDOORE	801931
	GONOSTOMATIDAE	803040	CONGRIDAE	
	STOMIATIDAE		GNATHOPHIS CAPENSIS	801282
	STOMIAS FEROX	803040		803310
	IDENTIFYING CHARACTERS		CYPRINIDAE	
	SCOMBRIDAE		ABRAMIS BRAMA	801925
	AUXIS THAZARD	802021	LEUCISCUS CEPHALUS	802626
	THUNNUS ALALUNGA	802021	GADIDAE	
	THUNNUS THYNNUS	802021	BOREOGADUS SAIDA	801137
	GROSS EXTERNAL ANATOMY		MICROMESISTIUS POUTASSOU	801982
	ISTIOPHORIDAE		MICROGADUS TOMCOD	800277
	MAKAIRA NIGRICANS	802130	TRISOPTERUS ESMARKII	802143
		802191	GALAXIIDAE	
	FEEDING		GALAXIAS MACULATUS	800976
	DISTRIBUTION WITHIN HABITAT		GALAXIAS BREVIPINNIS	800976
	GADIDAE		MORPHOMETRICS	
	LOTA LOTA	802495	BREGMACEROTIDAE	
	MERISTICS		BREGMACEROS MACCLELLANDI	802715
	ALBULIDAE		FEEDING	
	ALBULA VULPES	801822	CYPRINIDAE	
	ALBULA NEMOPTERA	801822	CTENOPHARYNGODON IDELLA	802043
	MORPHOMETRICS		IDENTIFICATION	
	ALBULIDAE		SCORPAENIDAE	
	ALBULA VULPES	801822	SEBASTODES PINNIGER	802397
	ALBULA NEMOPTERA	801822	EXOCOETIDAE	
	PINEAL		HEMIRAMPHUS MARGINATUS	801929
	PETROMYZONTOMORPHA		MERLUCCIIDAE	
	LAMPETRA PLANERI	801697	MERLUCCIUS BILINEARIS	802484
	DISTRIBUTION WITHIN HABITAT			
	MURAENIDAE	801949		
	VERTICAL DISTRIBUTION			
	COTTIDAE			
	COTTUS ALEUTICUS	802698	LARVAL CIRCULATION	
	DISTRIBUTION		SALMONIDAE	
	GADIDAE		ONCORHYNCHUS KETA	802362
	MICROMESISTIUS POUTASSOU	800997		
	POPULATION DENSITY			
	CARANGIDAE			
	TRACHURUS SYMMETRICUS	801815	LARVAL CEMENT GLANDS	
	MERLUCCIIDAE		BADIDAE	
	MERLUCCIUS PRODUCTUS	801815	BADIS BADIS	803012
	ANATOMY		ULTRASTRUCTURE	
	ANGUILLIDAE		FUNCTION	
	ANGUILLA ROSTRATA	803317	CICHLIDAE	
	MORINGUIDAE		TILAPIA MARIAE	801433
	MORINGUA	803307	TILAPIA NILOTICA	801433
	MORINGUA EDWARDSI	803318		



<b>METAMORPHOSIS</b>		<b>HABITAT PREFERENCE</b>	<b>ONTOGENY (CONTINUED)</b>
PETROMYZONTOMORPHA		ACANTHURIDAE	
LAMPETRA FLUVIATILIS	803145	ACANTHURUS TRIOSTEGUS	802212
<b>BLENNIIDAE</b>			
OPHIOBLENNIUS ATLANTICUS	801949		
<b>MULLIDAE</b>			
PSEUDUPENEUS MACULATUS	801949		
<b>MURAENESOCIDAE</b>		<b>LIFE SPAN</b>	
PARAXENOMYSTAX BIDENTATUS	800402	ACIPENSEROMORPHA	802482
<b>GALAXIIDAE</b>		ACIPENSER GUELDESTAEDTI	802481
GALAXIAS MACULATUS	801269	MELAMPHAEIDAE	
HEMOGLOBIN		POROMITRA CRASSICEPS	801858
PETROMYZONTOMORPHA		ACANTHOCLINIDAE	
GEOTRIA AUSTRALIS	801321	ACANTHOCLINUS QUADRIDACTYLUS	803214
MORDACIA PRAECOX	801321	CENTRARCHIDAE	
MORDACIA MORDAX	801321	LEPOMIS MEGALOTIS	801685
		CORYPHAENIDAE	
		CORYPHAENA HIPPURUS	802726
		PERCIDAE	802482
		STIZOSTEDION LUCIOPERCA	802481
		STIZOSTEDION VITREUM	800876
		POMACENTRIDAE	
		HYPSPOPS RUBICUNDA	800777
		SPARIDAE	
		HOLOPAGRUS GUENTHERI	801711
		TRICHIURIDAE	
		LEPIDOPUS XANTUSI	801858
		CHIASMODONTIDAE	
		KALI NORMANI	801858
		AGONIDAE	
		XENERETMUS LATIFRONS	801858
		CYCLOPTERIDAE	
		CAREPROCTUS MELANURUS	801858
		ZANIOLEPIDIDAE	
		ZANIOLEPIS FRENATA	801858
		ATHERINIDAE	
		LABIDESTHES SICULUS	802733
		CLUPEIDAE	802482
		DERICHTHYIDAE	
		DERICHTHYS SERPENTINUS	801858
		NEMICHTHYIDAE	
		NEMICHTHYS SCOLOPACEUS	801858
		NETTASTOMATIDAE	
		FACCIOLELLA GILBERTI	801858
		OPHICHTHIDAE	
		OPHICHTHUS ZOPHOCHIR	801858
		SERRIVOMERIDAE	
		SERRIVOMER SECTOR	801858
		CYPRINIDAE	802482
		ABRAMIS BRAMA	801925
			802481
		CYPRINUS CARPIO	802481
		MORIDAE	
		ANTIMORA ROSTRATA	801858
		GIGANTACTINIDAE	
		GIGANTACTIS MACRONEMA	801858
		OGCOCEPHALIDAE	
		ZALIEUTES ELATER	801858
		<b>GALAXIIDAE</b>	
		GALAXIAS MACULATUS	803235
		GALAXIAS VULGARIS	801960
		MYCTOPHIDAE	801858
		OSMERIDAE	802482
		SALMONIDAE	
		COREGONUS	802482
		SALMO SALAR	802579
		GONOSTOMATIDAE	
		DANAPHOS OCULATUS	801858
		IDIACANTHIDAE	
		IDIACANTHUS ANTROSTOMUS	801858
		MELANOSTOMIATIDAE	
		BATHOPHILUS FLEMINGI	801858
		STOMIATIDAE	
		STOMIAS ATRIVENTER	801858
		EXPERIMENTAL ANALYSIS	
		LIGHT	
		PLECOGLOSSIDAE	
		PLECOGLOSSUS ALTIVELIS	802956
		<b>SENESCENCE</b>	
		SQUALIDAE	
		SQUALUS ACANTHIAS	800563
		EXPERIMENTAL ANALYSIS	
		SALMONIDAE	
		ONCORHYNCHUS NERKA	801741
		<b>SEX REVERSAL</b>	
		PERCIDAE	
		STIZOSTEDION VITREUM	802851
		PLATYCEPHALOIDEI	
		INEGOCIA MEERDERVOORTI	800714
		SYNBRANCHIDAE	
		MONOPTERUS	800812
		SYNBRANCHUS MARMORATUS	800812
		TYPHLOSYNBRANCHUS	800812
		ORYZIATIDAE	
		ORYZIAS LATIPES	800661
		INHERITANCE	
		POECILIIDAE	
		XIPHOPHORUS MACULATUS	803300
		GEOGRAPHIC VARIATION	
<b>CRITICAL PERIOD</b>			
TEMPERATURE			
SEX INHERITANCE			
CYPRINODONTIDAE			
RIVULUS MARMORATUS	802273		
<b>FRY</b>			
CICHLIDAE			
SYMPHYSDON	801656		
CALLICHTHYIDAE			
CORYDORAS PALEATUS	801714		
GROSS EXTERNAL ANATOMY			
FEEDING			
RATE OF GROWTH			
COTTOMEPHORIDAE			
COTTOMEPHORUS GREWINGK	802487		
DEVELOPMENT			
SALMONIDAE			
THYMALLUS THYMALLUS	803075		
DEVELOPMENTAL ANALYSIS			
WATER CONTENT			
LIPID AND FATTY ACID CONTENT			
SALMONIDAE			
SALMO GAIRDNERII	802945		
<b>YOLK SAC</b>			
HISTOLOGY			
POECILIIDAE			
POECILIA RETICULATA	800475		
SALMONIDAE			
SALMO GAIRDNERII	800475		
ULTRASTRUCTURE			
SALMONIDAE			
SALMO GAIRDNERII	800475		
BIOCHEMISTRY			
POECILIIDAE			
POECILIA RETICULATA	800475		
SALMONIDAE			
SALMO GAIRDNERII	800475		
ABNORMALITY			
EXPERIMENTAL ANALYSIS			
TEMPERATURE			
SALMONIDAE			
ONCORHYNCHUS TSHAWYTSCHA	802856		
DEVELOPMENT			
POECILIIDAE			
POECILIA RETICULATA	800475		
SALMONIDAE			
SALMO GAIRDNERII	800475		
<b>YOUNG</b>			
DISTRIBUTION WITHIN HABITAT			
CIRCADIAN RHYTHMS			
COTTIDAE			
COTTUS ASPER	802556		
AVOIDANCE RESPONSES			
ORECTOLOBIDAE			
GINGLYMOSTOMA CIRRATUM	803464		
<b>JUVENILE</b>			
ISTIOPHORIDAE			
TETRAPTERUS AUDAX	802324		
	803071		
EXOCTETIDAE	801678		
SALMONIDAE			
ONCORHYNCHUS KISUTCH	803143		
IDENTIFYING CHARACTERS			
BALISTIDAE			
CANTHERINES MACROCERUS	802222		
CANTHERINES PULLUS	802222		
GROSS EXTERNAL ANATOMY			
IDENTIFYING CHARACTERS			
SEMIONOTOMORPHA			
LEPISOSTEUS SPATULA	802203		
DEVELOPMENT			

ONTOGENY (CONTINUED)	SYNBRANCHIDAE		ACIPENSER FULVESCENS	802416
	MONOPTERUS ALBUS	801954	ACIPENSER GULDENSTAEDTI	803200
	SYNBRANCHIUS MARMORATUS	801954	ACIPENSER TRANSMONTANUS	802599
GROWTH	EXPERIMENTAL ANALYSIS		AMMODYTIDAE	
	ORYZIATIDAE		AMMODYTES DUBIUS	802544
	ORYZIAS LATIPES	800729	GOBIIDAE	
	CYPRINIDAE		GLOSSOGOBIOUS GIURUS	801946
	CARASSIUS AURATUS	801564	NEOGOBIOUS MELANOSTOMUS	803330
	CHANGE WITH AGE		ICOSTEOIDEI	
	ORYZIATIDAE		ICOSTEUS AENIGMATICUS	801858
	ORYZIAS LATIPES	802437	MUGILOIDEI	
			MUGIL CEPHALUS	802088
			ACANTHOCLINIDAE	
			ACANTHOCLINUS QUADRIDACTYLUS	803214
			APOGONIDAE	
ANNUAL FISH	HOWELLA BRODIEI			801858
	CYPRINODONTIDAE		BRAMIDAE	
	APHYOSEMION ROLOFFII	800239	TARACTES LONGIPINNIS	801858
	FUNDULOSOMA	803391	CARISTIIDAE	801877
	NOTHOBRANCHIUS	803391	CARISTIUS MACROPUS	801858
	NOTHOBRANCHIUS ORTHONOTUS	801217	CENTRARCHIDAE	802156
	NOTHOBRANCHIUS RACHOVII	801217		803248
				800343
				800344
			AMBLOPLITES RUPESTRIS	800995
			LEPOMIS MACROCHIRUS	802155
	GROWTH			
CICHLIDAE				
TILAPIA NILOTICA X			LEPOMIS MACROCHIRUS X	
TILAPIA MOSSAMBICA X		800048	CHAENOBRYTTUS GULOSUS X	802068
		800050	LEPOMIS MEGALOTIS	801685
GERREIDAE			MICROPTERUS DOLOMIEUI	800344
EUCINOSTOMUS GULA		800418	MICROPTERUS PUNCTULATUS	800344
PERCIDAE			MICROPTERUS SALMOIDES	800342
ACERINA CERNUA		800129		800344
		800543		801395
PERCA FLUVIATILIS		800129		802154
		800543		802836
STIZOSTEDION LUCIOPERCA	800132			
SCIAENIDAE	800418	MICROPTERUS SALMOIDES X		
SPARIDAE		CHAENOBRYTTUS GULOSUS X	802068	
CHRYSOPHRYS MAJOR	800480	POMOXIS ANNULARIS	800344	
BOTHIDAE		CICHLIDAE		
	ANCYLOPSETTA QUADROCELLATA	800418	TILAPIA AUREA	803070
	CITHARICHTHYS SPILOPTERUS	800418	TILAPIA MOSSAMBICA	803167
	CYNOGLOSSIDAE		TILAPIA NILOTICA	800059
	SYMPHURUS PLAGIUSA	800418	CORYPHAENIDAE	
	PLEURONECTIDAE		CORYPHAENA HIPPURUS	802726
	PLEURONECTES PLATESSA	800334	KUHLIIDAE	
	TRIGLIDAE		KUHLIA SANDVICENSIS	801476
	PRIONOTUS TRIBULUS	800418	PENTACEROTIDAE	
	CLUPEIDAE		PENTACEROS RICHARDSONI	801858
	BREVOORTIA PATRONUS	800418	PERCIDAE	
	ENGRAULIDAE		ACERINA CERNUA	803191
ANCHOA MITCHILLI	800418	PERCA FLAVESCENS	802063	
MEGALOPIDAE		PERCA FLUVIATILIS	802048	
MEGALOPS ATLANTICA	800417		802460	
CYPRINIDAE				803191
	ABRAMIS BRAMA	800129	STIZOSTEDION CANADENSE	800344
		800543		802653
	BLICCA BJOERKNA	800129	STIZOSTEDION LUCIOPERCA	802821
		800543		803074
	CYPRINUS CARPIO	800038	STIZOSTEDION VITREUM	800344
	RUTILUS RUTILUS	800129		800876
		800204		
		800543	SCIAENIDAE	
	SCARDINIUS ERYTHROPHthalmus	800129	APLODINOTUS GRUNNIENS	800344
		800543		802156
		800420		802775
TINCA TINCA		CYNOSCION NOBILIS	801940	
ARIIDAE		OTOLITHOIDES BRUNNEUS		
	BAGRE MARINUS	800418	SERRANIDAE	
	GALEICHTHYS FELIS	800418	MORONE CHRYSOPS	800344
	BATRACHOIDIFORMES		SPARIDAE	
	PORICHTHYS POROSISSIMUS	800418	CHRYSOPHRYS AURATUS	800977
	ESOCIDAE		SCOMBRIDAE	
	ESOX LUCIUS	800129	ACANTHOCYBIUM SOLANDRI	801825
		800421	THUNNUS ALALUNGA	802287
		800543	THUNNUS ALBACARES	802287
			TRICHIURIDAE	
			EUPLEUROGRAMMUS INTERMEDIUS	802649
			TETRAGONURIDAE	
		TETRAGONURUS CUVIERI	801858	
MATHEMATICAL GROWTH ANALYSIS		PLEURONECTIDAE		
	OSTEOLEPIDOMORPHA	802446	HIPPOGLOSSUS HIPPOGLOSSUS	802139
	EUSTHENOPTERON FOORDI	801953	LIMANDA ASPERA	801097
	BERYCIDAE		PLEURONECTES PLATESSA	801471
	BERYX SPLENDENS	800691		802394
	CENTRARCHIDAE		SOLEIDAE	
	LEPOMIS MEGALOTIS	801685	SOLEA SOLEA	801471
	PLEURONECTIDAE		ANOPILOPOMATIDAE	
	PLEURONECTES PLATESSA	802394	ANOPILOPOMA FIMBRIA	801815
	CLUPEIDAE		ATHERINIDAE	
	CLUPEA HARENGUS	801112	LABIDESTHES SICCOLUS	802733
	ARIIDAE		CLUPEIDAE	
TACHYSURUS SONA	803421	CLUPEA HARENGUS	801112	
SALMONIDAE				801829
	SALMO GAIRDNERII	800978	ENGRAULIDAE	
	SALMO TRUTTA	800978	ENGRAULIS RINGENS	801311
		802327	ANGUILLIDAE	
		802328	ANGUILLA ANGUILLA	803170
		802432	SACCOPHARYNGIDAE	
			SACCOPHARYNX	801858
			CATOSTOMIDAE	801877
				802156
			CARPIODES CARPIO	800344
			CARPIODES CYPRINUS	800344
			ICTIOBUS BUBALUS	800344
RATE OF GROWTH				
	ACIPENSEROMORPHA			

CYPRINIDAE		ONCORHYNCHUS TSHAWYTSCHA	801066	GROWTH (CONTINUED)
ABRAMIS BALLERUS	802822		802755	
ABRAMIS BRAMA	800834	PROSOPIUM CYLINDRACEUM	802391	
	801796	SALMO GAIRDNERII	800344	
	801925		800978	
	802150		802156	
	802447		802353	
	802451		802559	
	803191		802748	
	803495		802864	
BLICCA BJOERKNA	802048		803045	
CATLA CATLA	803293	SALMO ISCHCHAN	801509	
CHONDROSTOMA NASUS	802947	SALMO SALAR	801503	
CTENOPHARYNGODON IDELLA	803039	SALMO TRUTTA	800978	
CULTER ALBURNUS	802048		801440	
CYPRINUS CARPIO	800042		801494	
	800043		801503	
	800344		802253	
	802156		802914	
	803039		802947	
GNATHOPOGON CAERULESCENS	801658		803045	
HYPOPHthalmichthys MOLITRIX	803039		803079	
LEUCISCUS BRANDTI	803189		803084	
LEUCISCUS CEPHALUS	802947		803179	
PIMEPHALES PROMELAS	802702	SALVELINUS ALPINUS	803083	
RUTILUS RUTILUS	802048	SALVELINUS FONTINALIS	802559	
	803191	SALVELINUS LEUCOMANIS	803189	
SCARDINIUS ERYTHROPHthalmus	802048	SALVELINUS NAMAYCUSH	801028	
TINCA TINCA	802448		802353	
	802802		802407	
ARIIDAE			802573	
TACHYSURUS SONA	803421		803073	
ICTALURIDAE		STENODUS LEUCICHTHYS	802356	
ICTALURUS PUNCTATUS	800344	THYMALLUS ARCTICUS	802351	
	800882		802353	
	801379		802354	
	802156	THYMALLUS THYMALLUS	803075	
	802533	CHAULIODONTIDAE		
	802708	CHAULIODUS MACOUNI	801858	
	803248	GONOSTOMATIDAE		
GADIDAE		CYCLOTHONE ACCLINIDENS	801858	
ELEGINUS NAVAGA	801138	IDACANTHIDAE		
GADUS MORHUA	801692	IDACANTHUS ANTOSTOMUS	801858	
	802300	MALACOSTEIDAE		
MICROMESISTIUS POUTASSOU	801132	ARISTOSTOMIAS SCINTILLANS	801858	
	801133	STERNOPTYCHIDAE		
	802024	ARGYROPELECUS PACIFICUS	801858	
TRISOPTERUS ESMARKII	801127		801035	
	801128		802334	
	801130	LARVA		
	801984	CLUPEIDAE		
MACROURIDAE		CLUPEA HARENGUS	801481	
NEZUMIA STELGIDOLEPIS	801858	CYPRINIDAE		
OPHIIDAE		ABRAMIS BRAMA	803497	
OTOPHIDIUM TAYLORI	801858	LEUCISCUS CEPHALUS	802626	
ONEIRODIDAE		FRY		
ONEIRODES ACANTHIAS	801858	COTTOCOMEPHORIDAE		
GIGANTURIDAE		COTTOCOMEPHORUS GREWINGKI	802487	
BATHYLEPTUS LISAE	801858	SALMONIDAE		
RONDELETIIDAE		ONCORHYNCHUS KETA	802306	
RONDELETIA LORICATA	801858	SALVELINUS MALMA	800998	
ALEPOCEPHALOIDEI		YOUNG		
ALEPOCEPHALUS TENEBROSUS	801858	BELONTIIDAE		
SAGAMICHTHYS ABEI	801858	BETTA SPLENDENS	803362	
ARGENTINIDAE		PERCIDAE		
ARGENTINA SIALIS	801858	PERCA FLUVIATILIS	803018	
ARGENTINA SILUS	801123	STIZOSTEDION CANADENSE	802750	
	801124	PLEURONECTIDAE		
	801125	PLEURONECTES PLATESSA	802908	
OPISTHOPTERIDAE		POECILIIDAE		
DOLICHOPTERYX LONGIPES	801858	POECILIA RETICULATA	803362	
ESOCIDAE		ESOCIDAE		
ESOX LUCIUS	800840	ESOX LUCIUS	802972	
	802353	SALMONIDAE		
	802356	ONCORHYNCHUS KISUTCH	802578	
	803191	SALMO SALAR	801480	
	802548	INFRASPECIFIC VARIATION		
ESOX MASQUINONGY		SALMONIDAE		
GALAXIIDAE		COREGONUS PELED	803199	
GALAXIAS VULGARIS	801960	GEOGRAPHIC VARIATION		
ANOPTERIDAE		ENGRAULIDAE		
ANOPTERUS PHARAO	801858	ENGRAULIS ENCRASICHOLUS	803165	
MYCTOPHIDAE		ENGRAULIS ENCRASICOLUS	803165	
SYMBOLOPHORUS CALIFORNIENSIS	801858	SALMONIDAE		
NEOSCOPELIDAE		ONCORHYNCHUS KETA	802885	
SCOPELENGYS TRISTIS	801858	VARIATION WITH AGE		
OSMERIDAE		CYPRINIDAE		
HYPOMESUS OLIDUS	803189	CYPRINUS CARPIO	801550	
MALLOTUS VILLOSUS	801117	CAPTIVE VS NATURAL FISH		
	801121	CYPRINIDAE		
	801122	CYPRINUS CARPIO	801551	
OSMERUS EPERLANUS	801126	ONCORHYNCHUS KISUTCH	800768	
SALMONIDAE	802342	SUBZERO WATERS		
COREGONUS CLUPEAFORMIS	802563	NOTOTHENIIDAE		
COREGONUS CYLINDRACEUS	803343	TREMATOMUS BERNACCHII	803098	
COREGONUS HOYI	802749	POPULATION CHANGES		
HUCHO HUCHO	802681	CYPRINIDAE		
	803292	ASPIUS ASPIUS	803347	
HUCHO PERRYI	803189	MIGRATIONS		
ONCORHYNCHUS KETA	802919	SCALE AGE STUDY		
ONCORHYNCHUS KETA X		SALMONIDAE		
ONCORHYNCHUS NERKA X	803474	ONCORHYNCHUS TSHAWYTSCHA	801818	
ONCORHYNCHUS KISUTCH	802346	EXPERIMENTAL ANALYSIS		
	802353	POECILIIDAE		
ONCORHYNCHUS NERKA	802768	POECILIA RETICULATA	801080	
	803182		802693	
ONCORHYNCHUS NERKA X		CYPRINIDAE		
ONCORHYNCHUS KETA X	803474			



ASPIUS ASPIUS	803198	ANTENNARIIDAE		GROWTH
CHONDROSTOMA NASUS	803198	ANTENNARIUS MULTIOCELLATUS	801917	(CONTINUED)
CYPRINUS CARPIO	803198	ALEPOCEPHALOIDEI	801858	
HYPOPHthalmichthys MOLITRIX	803198	SYNODONTIDAE	801917	
GADIDAE		SALMONIDAE		NUTRITION
BOREOGADUS SAIDA	803198	SALMO GAIRDNERII	801560	
MELANOGRAMMUS AEGLEFINUS	803198	GEOGRAPHIC VARIATION		
ODONTOGADUS MERLANGUS	803198	PETROMYZONTOMORPHA		
PECTORAL FINS		LAMPETRA FLUVIATILIS	803320	
SCOMBRIDAE		SUBZERO WATERS		
THUNNUS ALALUNGA	802199	NOTOTHENIIDAE		
LARVA		DISSOSTICHUS MAWSONI	803098	
PETROMYZONTOMORPHA				
LAMPETRA PLANERI	801896			
COTTIDAE				
HEMITRIPTERUS VILLOSUS	802108			
		BIOCHEMICAL GROWTH FACTORS		
		POECILIIDAE		
		XIPHOPHORUS HELLERII	802366	
MAXIMUM SIZE				
CARCHARINIDAE	801917			
ACIPENSEROMORPHA		REGENERATION		
ACIPENSER TRANSMONTANUS	801907	OPHICHTHIDAE		
TELEOSTEI	803234	MYRAPHIS PUNCTATUS	801949	
HOLOCENTRIDAE	801917	CYPRINIDAE		
DACTYLOPTERIFORMES		CARASSIUS AURATUS	800813	
DACTYLOPTERUS VOLITANS	801917	FIN SKELETAL SUPPORTS		
SYNGNATHIDAE		CICHLIDAE		
HIPPOCAMPUS REIDI	801917	TILAPIA MOSSAMBICA	800811	
SYNGNATHUS ROSSEAU	801917	CYPRINIDAE		
ACANTHURIDAE	801917	CARASSIUS AURATUS	800811	
BLENNIIDAE	801917	EXPERIMENTAL ANALYSIS		
CHAENOPSIDAE		BARBELS		
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EMBLEMARIA PANDIONIS	801917	MISGURNUS ANGUILLICAUDATUS	802954	
CLINIDAE	801917	OLFACTORY NERVE		
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CALLIONYMUS BAIRDI	801917	CARASSIUS AURATUS	803442	
GOBIIDAE	801917	CYPRINUS CARPIO	803442	
LABRIDAE	801917			
SCARIDAE	801917			
APOGONIDAE	801917			
CARANGIDAE	801917			
CENTROPOMIDAE				
CENTROPOMUS UNDECIMALIS	801917	WOUND HEALING		
CHAETODONTIDAE	801917	EYE		
CIRRHITIDAE		SALMONIDAE		
AMBLYCIRRHITUS PINOS	801917	SALMO TRUTTA	802977	
ECHENEIDAE				
ECHENEIS NAUCRATES	801917			
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CHAETODIPTERUS FABER	801917	UNILATERAL COMPENSATION		
GERREIDAE		EYE		
EUCINOSTOMUS ARGENTEUS	801917	SALMONIDAE		
EUCINOSTOMUS LEFROYI	801917	SALMO TRUTTA	802977	
GERRES CINEREUS	801917	OVARY		
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POLYDACTYLUS OLIGODON	801917			
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SCOMBEROMORUS REGALIS	801917			
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SPHYRAENA BARRACUDA	801917	POPULATIONS		
OPISTHOGNATHIDAE	801917	GOBIIDAE		
CYNOGLOSSIDAE		NEOGOBIOUS MELANOSTOMUS	803330	
SYMPHURUS ARAWAK	801917			
SCORPAENIDAE	801917			
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BALISTIDAE	801917			
DIODONTIDAE	801917	ENERGY REQUIREMENTS		
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TETRAODONTIDAE	801917	SALMO GAIRDNERII	800948	
TRIACANTHIDAE	801918			
TRIACANTHODIDAE	801918			
ATHERINIDAE				
ATHERINOMORUS STIPES	801917			
BELONIDAE	801917	MAINTENANCE ENERGY REQUIREMENTS		
CLUPEIDAE	801917	CLUPEIDAE		
CONGRIDAE		SARDINOPS CAERULEA	801610	
NYSTACTICHTHYS HALIS	801917		802334	
MURAENIDAE	801917	EXPERIMENTAL ANALYSIS		
OPHICHTHIDAE	801917	POECILIIDAE		
BATRACHOIDIFORMES		POECILIA RETICULATA	802693	
AMPHICHTHYS CRYPTOCENTRUS	801917	CYPRINIDAE		
OPSANUS TAU	802988	ABRAMIS BRAMA	803497	
THALLASSOPHRYNE MACULOSA	801917			
MORIDAE				
LEPIDION GUENTHERI	801084			
GOBIESOCIFORMES				
ARCOS MACROPHthalmus	801917	ENERGY CONVERSION EFFICIENCY		
TOMICODON FASCIATUS	801917	GOBIIDAE		

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	CARANGIDAE		CYPRINIDAE	
	TRACHURUS JAPONICUS	800899	CYPRINUS CARPIO	802083
	CENTRARCHIDAE		EXPERIMENTAL ANALYSIS	
	MICROPTERUS SALMOIDES	802860	ICTALURIDAE	
	SERRANIDAE		ICTALURUS PUNCTATUS	802850
	EPINEPHELUS SEPTEMFASCIATUS	800899	EFFECT ON FISH	
	PLEURONECTIDAE		LENS	
	PLEURONECTES PLATESSA	801950	SALMONIDAE	
		802394	SALVELINUS NAMAYCUSH	802855
	COTTOCOMEPHORIDAE		FOLIC ACID	
	COTTOCOMEPHORUS GREWINGKI	802487	EXPERIMENTAL ANALYSIS	
	CLUPEIDAE		SALMONIDAE	
	SARDINOPS CAERULEA	801610	ONCORHYNCHUS KISUTCH	802288
	CYPRINIDAE		VITAMIN A	
	ABRAMIS BRAMA	801035	CYPRINIDAE	
	CTENOPHARYNGODON IDELLA	801328	CYPRINUS CARPIO	801596
	CYPRINUS CARPIO	800836	VITAMIN B12	
		802083	CYPRINIDAE	
		801472	CYPRINUS CARPIO	803230
	HYPOPHthalmichthys MOLITRIX		VITAMIN E	
	ICTALURIDAE		CYPRINIDAE	
	ICTALURUS PUNCTATUS	800882	CYPRINUS CARPIO	800830
	SALMONIDAE			801856
	ONCORHYNCHUS NEKKA	802531		
	SALMO GAIRDNERII	800839		
		801039		
		801035		
		802334		
	EXPERIMENTAL ANALYSIS		MINERAL REQUIREMENTS	
	POECILIIDAE		CYPRINIDAE	
	POECILIA RETICULATA	802693	CYPRINUS CARPIO	803230
	ICTALURIDAE		COBALT	
	ICTALURUS PUNCTATUS	802850	EXPERIMENTAL ANALYSIS	
			SALMONIDAE	
			SALMO GAIRDNERII	802829
			MANGANESE	
			CICHLIDAE	
			TILAPIA MOSSAMBICA	801224
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	SALMONIDAE		ADLIBITUM FOOD CAPACITY	
	ONCORHYNCHUS KISUTCH	800136	CHANGE WITH AGE	
	OXYGEN CONSUMPTION		PERCIDAE	
	SPARIDAE		PERCA FLUVIATILIS	803496
	LAGODON RHOMBOIDES	801765	STIZOSTEDION LUCIOPERCA	803496
	OXIDATIVE METABOLISM		GADIDAE	
	TEMPERATURE		LOTA LOTA	803496
	SALMONIDAE		ESOCIDAE	
	SALMO SALAR	802205	ESOX LUCIUS	803496
	SALMO TRUTTA	802205	SEASONAL CHANGES	
	BIOCHEMISTRY		GOBIIDAE	
	AXIAL SKELETAL MUSCLES		NEOGOBIOUS MELANOSTOMUS	803330
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	GOBIIDAE		CARANGIDAE	
	GOBIUS MELANOSTOMUS	802231	TRACHINOTUS CAROLINUS	803178
	CARANGIDAE		LARVA	
	TRACHURUS MEDITERRANEUS	802231	CYPRINIDAE	
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	GOBIIDAE		RUTILUS RUTILUS	803497
	PERIOPHTHALMUS AUSTRALIS	800209		
	OXIDATIVE METABOLISM			
	GADIDAE			
	GADUS MORHUA	802309		
	EFFECT ON FISH			
	OXYGEN CONSUMPTION			
	HIODONTIDAE			
	HIODON ALOSOIDES	802600	STARVATION	
	OXIDATIVE METABOLISM		CENTRARCHIDAE	
	CYPRINIDAE		LEPOMIS MACROCHIRUS	800382
	CARASSIUS AURATUS	802472	CICHLIDAE	
	SALMONIDAE		CICHLASOMA BIMACULATUM	800136
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	SALMO TRUTTA	802676	POECILIIDAE	
	ADRENAL CORTEX		POECILIA RETICULATA	802693
	SALMONIDAE		CLUPEIDAE	
	SALMO GAIRDNERII	801293	CLUPEA HARENGUS	801950
	HEART		CHARACIDAE	
	TRIGLIDAE		SERRASALMUS NATTERERI	800568
	PRIONOTUS CAROLINUS	802185	CYPRINIDAE	
	BIOCHEMICAL BLOOD CONSTITUENTS		CYPRINUS CARPIO	800836
	SCORPAENIDAE		INSECTICIDE POLLUTANTS	
	SEBASTISCUS MARMORATUS	801847	SALMONIDAE	
	ICTALURIDAE		SALVELINUS FONTINALIS	802580
	ICTALURUS PUNCTATUS	801410	EFFECT ON FISH	
	HEMODYNAMICS		CENTRARCHIDAE	
	SALMONIDAE		MICROPTERUS SALMOIDES	800511
	SALMO GAIRDNERII	800299	COBITIDAE	
	TEMPERATURE		MISGURNUS FOSSILIS	800832
	CORYPHAENIDAE		OXYGEN CONSUMPTION	
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	TETRAPTERUS AUDAX	802554	LIPID AND FATTY ACID CONTENT	
	SCOMBRIDAE		SALMONIDAE	
	EUTHYNNUS LINEATUS	802554	SALMO GAIRDNERII	802466
	SCOMBEROMORUS SIERRA	802554	NEUROSECRETION IN BRAIN	
	SPHYRAENOIDEI		CYPRINIDAE	
	SPHYRAENA ENSIS	802554	CYPRINUS CARPIO	801505
			ADRENAL CORTEX	
			SALMONIDAE	
			SALMO GAIRDNERII	801293
			BLOOD AND LYMPH	
			AXIAL SKELETAL MUSCLES	
			GADIDAE	
			LOTA LOTA	803501
			GASTRIC JUICES AND ENZYMES	
			GADIDAE	
			LOTA LOTA	802490
			LIVER	
PROTEIN REQUIREMENTS				
	CYPRINIDAE			
	CYPRINUS CARPIO	802083		
		803230		
	EXPERIMENTAL ANALYSIS			
	ICTALURIDAE			
	ICTALURUS PUNCTATUS	802850		



HYBRIDIZATION	INFECTIOUS PANCREATIC NECROSIS				
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	SALMO GAIRDNERII	802383			
HYBRID					
LARVA					
CLUPEIDAE					
BREVOORTIA SMITHI X					
BREVOORTIA PATRONUS X	802745				
NATURAL HYBRIDIZATION					
PETROMYZONTOMORPHA					
LAMPETRA MARIAE X					
LAMPETRA PLANERI X	801899				
LAMPETRA PLANERI X					
LAMPETRA MARIAE X	801899				
CENTRARCHIDAE					
LEPOMIS CYANELLUS X					
LEPOMIS MACROCHIRUS X	802779				
LEPOMIS HUMILIS X	802534				
LEPOMIS GIBBOSUS X	802779				
LEPOMIS GIBBOSUS X					
LEPOMIS CYANELLUS X	802779				
LEPOMIS HUMILIS X					
LEPOMIS CYANELLUS X	802534				
LEPOMIS MACROCHIRUS X					
LEPOMIS CYANELLUS X	802779				
CHAETODONTIDAE					
HOLACANTHUS CILIARIS	801346				
HOLACANTHUS CILIARIS X					
HOLACANTHUS ISABELITA X	800581				
HOLACANTHUS ISABELITA	801346				
HOLACANTHUS ISABELITA X					
HOLACANTHUS CILIARIS X	800581				
PERCIDAE					
ETHEOSTOMA CAERULEUM X					
ETHEOSTOMA SPECTABILE X	801280				
ETHEOSTOMA SPECTABILE X					
ETHEOSTOMA WHIPPLEI X	801280				
ETHEOSTOMA CAERULEUM X	801280				
ETHEOSTOMA WHIPPLEI X					
ETHEOSTOMA SPECTABILE X	801280				
COTTIDAE					
COTTUS GOBIO X					
COTTUS POECILOPUS X	802594				
COTTUS POECILOPUS X					
COTTUS GOBIO X	802594				
CYPRINODONTIDAE					
APLOCHEILICHTHYS	801988				
CYPRINODON ATRORUS X					
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CYPRINODON BIFASCIATUS X					
CYPRINODON ATRORUS X	801477				
POECILIIDAE					
POECILIA LATIPINNA X					
POECILIA MEXICANA X	801188				
POECILIA MEXICANA X	802118				
POECILIA MEXICANA X					
POECILIA LATIPINNA X	801688				
POECILIA LATIPINNA X	802118				
CLUPEIDAE					
BREVOORTIA SMITHI X					
BREVOORTIA PATRONUS X	802745				
CATOSTOMIDAE					
CATOSTOMUS COMMERSOONII X					
CATOSTOMUS MACROCHEILUS X	802286				
CATOSTOMUS MACROCHEILUS X					
CATOSTOMUS COMMERSOONII X	802286				
CYPRINIDAE					
ABRAMIS BRAMA X					
ALBURNUS ALBURNUS X	800196				
SCARDINIUS ERYTHROPHthalmus X	801925				
ALBURNUS ALBURNUS X					
ABRAMIS BRAMA X	800196				
LEUCISCUS CEPHALUS X	803126				
CAMPOSTOMA ANOMALUM X	801817				
NOTROPIS CHROSOMUS X					
CHROSOMUS ERYTHROGASTER X	801445				
DIONDA NUBILA X	802066				
NOTROPIS CORNUTUS X	802066				
DIONDA NUBILA X					
CHROSOMUS ERYTHROGASTER X	802066				
HYBOGNATHUS HANKINSONI X	802882				
SEMOTILUS ATROMACULATUS X					
LEUCISCUS CEPHALUS X	802534				
ALBURNUS ALBURNUS X					
NOTROPIS ALBEOLUS X	801817				
NOTROPIS AMOENUS X					
NOTROPIS AMOENUS X	802211				
NOTROPIS ATHERINOIDES X					
NOTROPIS RUBELLUS X	802211				
NOTROPIS ALBEOLUS X	802211				
NOTROPIS ATHERINOIDES X					
NOTROPIS AMOENUS X	802211				
NOTROPIS CHROSOMUS X					
CAMPOSTOMA ANOMALUM X	801445				
NOTROPIS CORNUTUS X					
CHROSOMUS ERYTHROGASTER X	802066				
NOTROPIS RUBELLUS X					
NOTROPIS AMOENUS X					
PARACHEILOGNATHUS RHOMBEUS X	802211				
ACHEILOGNATHUS LIMBATUS X					
RHODEUS OCELLATUS X	800666				
PARACHEILOGNATHUS ROMBEUS X					
RICHARDSONIUS BALTEATUS X	800666				
MYLOCHEILUS CAURINUM X					
RUTILUS RUTILUS X	802403				
ABRAMIS BRAMA X					
SCARDINIUS ERYTHROPHthalmus X	803126				
ABRAMIS BRAMA X					
ALBURNUS ALBURNUS X	801925				
BLICCA BJOERKNA X	803126				
SEMOTILUS ATROMACULATUS X					
HYBOGNATHUS HANKINSONI X	803126				
ESOCIDAE					
ESOX AMERICANUS X					
ESOX NIGER X	802244				
ESOX NIGER X					
ESOX AMERICANUS X	802244				
SALMONIDAE					
SALMO GAIRDNERII X					
SALVELINUS FONTINALIS X	800097				
SALMO TRUTTA X					
SALVELINUS FONTINALIS X	800966				
SALVELINUS FONTINALIS X					
SALMO TRUTTA X	800966				
SALMO GAIRDNERII X	800097				
ARTIFICIAL HYBRIDIZATION					
ACIPENSEROMORPHA					
LABRIDAE	800096				
CRENILABRUS OCELLATUS X					
CRENILABRUS CINEREUS X	802252				
SYMPHODUS CINEREUS X					
SYMPHODUS MELOPS X	801639				
SYMPHODUS CINEREUS X					
SYMPHODUS MELOPS X	801639				
CENTRARCHIDAE					
CHAENOBRYTTUS GULOSUS X					
LEPOMIS MACROCHIRUS X	802068				
MICROPTERUS SALMOIDES X	802068				
LEPOMIS CYANELLUS X					
LEPOMIS MICROLOPHUS X	800992				
LEPOMIS MACROCHIRUS X					
CHAENOBRYTTUS GULOSUS X	802068				
LEPOMIS MICROLOPHUS X					
LEPOMIS CYANELLUS X	800992				
MICROPTERUS SALMOIDES X					
CHAENOBRYTTUS GULOSUS X	802068				
CICHLIDAE	800096				
TILAPIA MACROCHIR X	802529				
TILAPIA NILOTICA X					
TILAPIA MOSSAMBICA X	800041				
TILAPIA NILOTICA X					
TILAPIA NILOTICA X	800048				
TILAPIA MOSSAMBICA X	800050				
TILAPIA NILOTICA X	800048				
TILAPIA MOSSAMBICA X	800050				
TILAPIA MACROCHIR X	800041				
PERCIDAE					
STIZOSTEDION VITREUM X					
STIZOSTEDION CANADENSE X	802751				
SERRANIDAE					
MORONE CHRYSOPS X					
MORONE SAXATILIS X	800003				
MORONE SAXATILIS X					
MORONE CHRYSOPS X	800003				
PLEURONECTIDAE					
LIMANDA LIMANDA X					
GADUS MORHUA X	802252				
PLATICHTHYS FLEUS X					
GADUS MORHUA X	802252				
LIMANDA LIMANDA X	802252				
CYPRINODONTIDAE	803391				
APHYOSEMION	803385				
POECILIIDAE					
POECILIA FORMOSA X					
POECILIA SPHENOPS X	803209				
POECILIA VITTATA X	803209				
POECILIA SPHENOPS X					
POECILIA FORMOSA X	803209				
POECILIA VITTATA X	803216				
POECILIA FORMOSA X					
POECILIA FORMOSA X	803209				
XIPHOPHORUS	802631				
CLUPEIDAE					
BREVOORTIA PATRONUS X					
BREVOORTIA SMITHI X	802745				
BREVOORTIA SMITHI X					
BREVOORTIA PATRONUS X	802745				
CATOSTOMIDAE					
CATOSTOMUS MACROCHEILUS X					
CATOSTOMUS COMMERSOONII X	802286				
COBITIDAE					
MISGURNUS FOSSILIS X					
CARASSIUS AURATUS X	800910				
CYPRINUS CARPIO X	800047				
CYPRINIDAE	800096				
ARISTICHTHYS NOBILIS	802077				
ARISTICHTHYS NOBILIS X	802033				
CTENOPHARYNGODON IDELLA X	800046				



CYPRINUS CARPIO X HYPOPHthalmichthys molitrix X	803341 800046 802077	TILAPIA MOSSAMBICA X TILAPIA NILOTICA X TILAPIA HEUDELOTI X TILAPIA MOSSAMBICA X	800269 800269 800269	HYBRIDIZATION (CONTINUED)
BARBUS CONCHONIUS X BARBUS NIGROFASCIATUS X BARBUS NIGROFASCIATUS X BARBUS SEMIFASCIOLATUS X BARBUS CONCHONIUS X BARBUS SEMIFASCIOLATUS X BARBUS NIGROFASCIATUS X BRACHYDANIO NIGROFASCIATUS X BRACHYDANIO RERIO X BRACHYDANIO RERIO X BRACHYDANIO NIGROFASCIATUS X CARASSIUS AURATUS X MISGURNUS FOSSILIS X CARASSIUS CARASSIUS X CYPRINUS CARPIO X CTENOPHARYNGODON IDELLA CTENOPHARYNGODON IDELLA X ARISTICHTHYS NOBILIS X CYPRINUS CARPIO X HYPOPHthalmichthys molitrix X CYPRINUS CARPIO CYPRINUS CARPIO X ARISTICHTHYS NOBILIS X CARASSIUS CARASSIUS X CTENOPHARYNGODON IDELLA X HYPOPHthalmichthys molitrix X MISGURNUS FOSSILIS X HYPOPHthalmichthys molitrix HYPOPHthalmichthys molitrix X ARISTICHTHYS NOBILIS X	800183 800183 800183 800183 800183 800183 801388 801388 801388 800910 800649 802033 800046 803341 800046 802033 803341 800649 803341 803341 800047 802033 800046 802077 800046 803341 802033 802403 802033 802033 800665 803387 803387 800665 802403 800035 802252 802252 802531 802744 802744 802531 803356 803356	CTENOPHARYNGODON IDELLA X CYPRINUS CARPIO X MEGALOBRAHA TERMINALIS MYLOCHEILUS CAURINUM X RICHARDSONIUS BALTEATUS X MYLOPHARYNGODON PICEUS PARABRAMIS PEKINENSIS PARACHEILOGNATHUS TABIRA X RHODEUS SERICEUS X RASBORA MACULATA X RASBORA UROPHthalmica X RASBORA UROPHthalmica X RASBORA MACULATA X RHODEUS SERICEUS X PARACHEILOGNATHUS TABIRA X RICHARDSONIUS BALTEATUS X MYLOCHEILUS CAURINUM X ICTALURIDAE GADIDAE GADUS MORHUA X LIMANDA LIMANDA X PLATICHTHYS FLESUS X SALMONIDAE ONCORHYNCHUS ONCORHYNCHUS GORBUSCHA X ONCORHYNCHUS KETA X ONCORHYNCHUS KETA X ONCORHYNCHUS GORBUSCHA X ONCORHYNCHUS NERKA SALMO GAIRDNERII X SALMO TRUTTA X SALMO GAIRDNERII X	800269 800269 800269 802068 800992 802286 801925 800269 800269 800269 800269 802286 802779 800269 800269 802745 802744	CYTOGENETICS
<b>HYBRID STERILITY</b>				
CENTRARCHIDAE				
LEPOMIS MACROCHIRUS X				
CHAENOBRYTTUS GULOSUS X				
LEPOMIS MICROLOPHUS X				
LEPOMIS CYANELLUS X				
CATOSTOMIDAE				
CATOSTOMUS MACROCHEILUS X				
CATOSTOMUS COMMERSONI X				
CYPRINIDAE				
SCARDINIUS ERYTHROPHthalmus X				
ABRAMIS BRAMA X				
<b>HYBRID INVIABILITY</b>				
CICHLIDAE				
TILAPIA HEUDELOTI X				
TILAPIA THOLLONI X				
TILAPIA THOLLONI X				
TILAPIA MOSSAMBICA X				
TILAPIA NILOTICA X				
TILAPIA HEUDELOTI X				
CATOSTOMIDAE				
CATOSTOMUS MACROCHEILUS X				
CATOSTOMUS COMMERSONI X				
<b>HYBRID COMPATIBILITY</b>				
CENTRARCHIDAE				
LEPOMIS MACROCHIRUS X				
LEPOMIS CYANELLUS X				
CICHLIDAE				
TILAPIA HEUDELOTI X				
TILAPIA NILOTICA X				
TILAPIA NILOTICA X				
TILAPIA HEUDELOTI X				
CLUPEIDAE				
BREVOORTIA SMITHI X				
BREVOORTIA PATRONUS X				
SALMONIDAE				
ONCORHYNCHUS KETA X				
ONCORHYNCHUS GORBUSCHA X				
<b>POPULATION GENETICS</b>				
SCOMBRIDAE				
EUTHYNNUS PELAMIS				
THUNNUS ALALUNGA				
THUNNUS ALBACARES				
THUNNUS OBESUS				
PLEURONECTIDAE				
PLATICHTHYS FLESUS				
PLEURONECTES FLESUS				
PLEURONECTES PLATESSA				
POECILIIDAE				
POECILIA FORMOSA				
<b>ARTIFICIAL INTRASPECIFIC HYBRIDIZATION</b>				
CICHLIDAE				
TILAPIA ZILLI				
POECILIIDAE				
XIPHOPHORUS VARIATUS				
CYPRINIDAE				
CYPRINUS CARPIO				
<b>HETEROSIS</b>				
CENTRARCHIDAE				
LEPOMIS MACROCHIRUS X				
CHAENOBRYTTUS GULOSUS X				
MICROPTERUS SALMOIDES X				
CHAENOBRYTTUS GULOSUS X				
CYPRINIDAE				
CYPRINUS CARPIO				
<b>HYBRID INCOMPATIBILITY</b>				
CENTRARCHIDAE				
LEPOMIS MACROCHIRUS X				
LEPOMIS CYANELLUS X				
<b>SEX RATIO</b>				
CICHLIDAE				
TILAPIA MOSSAMBICA X				
TILAPIA HEUDELOTI X				
TILAPIA THOLLONI X				
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TILAPIA THOLLONI X				
TILAPIA THOLLONI X				
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	CARASSIUS AURATUS	802405			
	SEAWEEDS				
	CARANGIDAE				
	SERIOLA QUINQUERADIATA	801582			
	EXPERIMENTAL ANALYSIS				
	SALMONIDAE				
	ONCORHYNCHUS NERKA	802858			
	YOUNG				
	SALMONIDAE				
	SALMO SALAR	802642			
	EFFECT ON FISH				
	SALMONIDAE				
	ONCORHYNCHUS TSHAWYTSCHA	802755			
	RATE OF GROWTH				
	ANOPLOPOMATIDAE				
	ANOPLOPOMA FIMBRIA	802571			
	SONIC TAGGING				
	CLUPEIDAE				
	ALOSA SAPIDISSIMA	803373			
	CATOSTOMIDAE				
	CATOSTOMUS COMMERSONI	800084			
	SALMONIDAE				
	SALMO TRUTTA	800084			
		801151			
	RECORDING CAMERAS AND TV				
	ELASMOBRANCHII	802409			
	TELEOSTEI	801681			
		802409			
	ACTIVITY RECORDING DEVICES				
	CARCHARIIDAE				
	CARCHARIAS TAURUS	802691			
	CARCHARHINIDAE				
	CARCHARHINUS MACULIPINNIS	802691			
	CARCHARHINUS OBSCURUS	802691			
	GASTEROSTEIDAE				
	GASTEROSTEUS ACULEATUS	801916			
	CAPTIVE VS NATURAL FISH	802337			
	FEEDING				
	LABRIDAE				
	LABROIDES PHTHIROPHAGUS	802628			
	AGGRESSIVE BEHAVIOR				
	FEEDING				
	SALMONIDAE				
	SALMO SALAR	802279			
	MAINTAINING LIVE FISH				
	PERCIDAE				
	ETHEOSTOMA SPECTABILE	801280			
	POUNDS AND LIVE CARS				
	TELEOSTEI	800865			
	CLUPEIDAE				
	CLUPEA HARENGUS	801950			
	CYPRINIDAE				
	CYPRINUS CARPIO	802077			
		802083			
	SALMONIDAE	802857			
	AQUARIA AND WATER SYSTEMS	800082			
		801473			
		802731			
		803466			
		803467			
	CLUPEIDAE				
	CLUPEA HARENGUS	802657			
	SALMONIDAE	802833			
	FILTRATION AND CIRCULATION	800753			
	CYPRINIDAE				
	CYPRINUS CARPIO	802077			
	SALMONIDAE	802833			
	AQUARIUM WATER CHEMISTRY	800753			
		801051			
		801660			
		801722			
		802833			
	TELEOSTEI				
	SALMONIDAE				
	HANDLING METHODS AND EFFECTS				
	TELEOSTEI	801645			
	CYPRINODONTIDAE				
	FUNDULUS HETEROCLITUS	800609			
	CLUPEIDAE				
	SARDINA PILCHARDUS	802168			
	OXIDATIVE METABOLISM				
	ICTALURIDAE				
	ICTALURUS PUNCTATUS	802280			
	ELECTRIC SHOCKING	800660			
	FEEDING CAPTIVE FISH				
	TELEOSTEI	801095			
		801645			
	CARANGIDAE				
	TRACHURUS JAPONICUS	800898			
		800899			
		801584			
		802841			
	CENTRARCHIDAE				
	CHAETODONTIDAE				
	MICROCANTHUS STRIGATUS	801645			
	PERCIDAE				
	PERCA FLAVESCENS	802841			
	STIZOSTEDION VITREUM	802841			
	SERRANIDAE				
	EPINEPHELUS SEPTEMFASCIATUS	800899			
	PLEURONECTIDAE				
	PLEURONECTES PLATessa	801471			
		802394			
	SOLEIDAE				
	SOLEA SOLEA	801471			
	BALISTIDAE				
	BALISTES CONSPICILLUM	801645			
	STEPHANOLEPIS CIRRHIFER	801584			
	CYPRINODONTIDAE				
	FUNDULUS DIAPHANUS	802425			
	CATOSTOMIDAE				
	CATOSTOMUS COMMERSONI	802841			
	CYPRINIDAE				
	CARASSIUS AURATUS	802841			
	CYPRINUS CARPIO	802841			
	PIMEPHALES PROMELAS	802841			
	ICTALURIDAE				
	ICTALURUS MELAS	802841			
	ICTALURUS PUNCTATUS	802841			
	ESOCIDAE				
	ESOX LUCIUS	802841			
	UMBRIDAE				
	UMBRA LIMI	802425			
	SALMONIDAE	802841			
	SALMO GAIRDNERII	801393			
		801584			
		800274			
	YOUNG				
	PERCIDAE				
	PERCA FLAVESCENS	802859			

<b>ANESTHETICS</b>				
SQUALOMORPHA	803465	DIAPTERUS OLISTHOSTOMUS	801830	ICHTHYOLOGICAL TECHNIQUES
TELEOSTEI	802909	EUCINOSTOMUS GULA	801830	(CONTINUED)
	803465	POMACENTRIDAE		
LETHAL ENVIRONMENTAL LIMITS		ABUDEFDUF SAXATILIS	801830	
CLUPEIDAE		POMADASYIDAE		
SARDINA PILCHARDUS	802168	ORTHOPRISTIS CHRYSOPTERUS	801830	
EXPERIMENTAL ANALYSIS		POMATOMIDAE		
CENTRARCHIDAE	800077	POMATOMUS SALTATRIX	801830	
FISH TRANSPORTATION		SCIAENIDAE	801830	
SALMONIDAE		SPARIDAE		
SALMO TRUTTA	803180	ARCHOSARGUS PROBATOCEPHALUS	801830	
EFFECT ON FISH		LAGODON RHOMBOIDES	801830	
MUGILOIDEI		SCOMBRIDAE		
LIZA TADE	800437	SCOMBEROMORUS MACULATUS	801830	
CARANGIDAE		STROMATEIDAE		
TRACHINOTUS CAROLINUS	803178	PEPRILUS ALEPIDOTUS	801830	
CICHLIDAE		URANOSCOPIDAE		
TILAPIA MOSSAMBICA	800615	ASTROSCOPUS YGRAECUM	801830	
CYPRINIDAE		BOTHIDAE	801830	
CATLA CATLA	800615	CYNOGLOSSIDAE		
CIRRHINA MRIGALA	800615	SYMPHURUS PLAGIUSA	801830	
LABEO ROHITA	800615	SOLEIDAE		
OXYGEN CONSUMPTION		TRINECTES MACULATUS	801830	
MUGILOIDEI		TRIGLIDAE	801830	
LIZA TADE	800437	BALISTIDAE		
CYPRINIDAE		STEPHANOLEPIS HISPIDUS	801830	
CYPRINUS CARPIO	802016	DIODONTIDAE		
CIRCULATORY SYSTEM		CHILOMYCTERUS SCHOEPI	801830	
MYXINOMORPHA		TETRAODONTIDAE		
MYXINE GLUTINOSA	800579	SPHAERODES MACULATUS	801830	
HEART		ATHERINIDAE		
CYPRINIDAE		MEMBRAS MARTINICA	801830	
CYPRINUS CARPIO	801145	MENIDIA MENIDIA	801830	
SPATIAL ORIENTATION		CYPRINODONTIDAE	801830	
MUGILOIDEI		POECILIIDAE		
LIZA TADE	800437	GAMBUSIA AFFINIS	801830	
BENZOCAINE		HETERANDRIA FORMOSA	801830	
EFFECT ON FISH		POECILIA LATIPINNA	801830	
SERRANIDAE		BELONIDAE		
MORONE AMERICANA	802787	STRONGYLURA MARINA	801830	
MORONE AMERICANUS	802787	CLUPEIDAE	801830	
MS 222		ENGRAULIDAE	801830	
EXPERIMENTAL ANALYSIS		ANGUILLIDAE		
SALMONIDAE		ANGUILLA ROSTRATA	801830	
SALMO GAIRDNERII	802281	OPHICHTHIDAE		
		MYROPHIS PUNCTATUS	801830	
		ELOPIDAE		
		ELOPS SAURUS	801830	
		ARIIDAE		
		GALEICHTHYS FELIS	801830	
<b>BREEDING AND REARING</b>	801602	BATRACHOIDIFORMES		
TELEOSTEI	802330	OPSANUA TAU	801830	
GOBIIDAE	803336	OPHIDIIDAE		
LOPHOGOBIOUS CYPRINOIDES	802128	RISSOLA MARGINATA	801830	
CARANGIDAE		GOBIESOCIFORMES		
SERIOLA QUINQUERADIATA	801677	GOBIESOX STRUMOSUS	801830	
POMACENTRIDAE		SYNODONTIDAE		
PREMNAS BIACULEATUS	800016	SYNODUS FOETENS	801830	
SCOMBRIDAE		OSMERIDAE		
SCOMBER JAPONICUS	801610	MALLOTUS VILLOSUS	801122	
CYPRINODONTIDAE	803391			
CLUPEIDAE		<b>MASSMEASURING AND COUNTING EGGS</b>	800354	
CLUPEA HARENGUS	800176			
	802233			
CYPRINIDAE				
ABRAMIS BRAMA	801925			
BRACHYDANIO RERIO	802943	<b>SMALL SPECIMEN TECHNIQUES</b>		
SALMONIDAE		OBSERVING LIVE FISH	801473	
SALMO GAIRDNERII	802945	INJECTION		
STENODUS LEUCICHTHYS	802356	CYPRINIDAE		
		BRACHYDANIO RERIO	800348	
<b>SURVIVAL IN CAPTIVITY</b>				
ANOLOGASTERIDAE				
ANOLOGASTER CORNUTA	801858			
MACRORHAMPHOSIDAE		<b>WET PRESERVATION</b>	800941	
MACRORHAMPHOSUS GRACILIS	801858	TELEOSTEI	802325	
		COLORATION	802897	
		PERCIDAE		
<b>MERISTIC MORPHOMETRIC TECHNIQUES</b>	800089	ETHEOSTOMA BLENNOIDES	800716	
	802112	ETHEOSTOMA CAERULEUM	800716	
	802323	PERCA FLAVESCENS	800716	
	802325	CYPRINIDAE		
RAJIDAE	802193	NOTROPUS CORNUTUS	800716	
SQUALOMORPHA	802510			
TELEOSTEI	801961			
SYNGNATHIDAE		<b>CATALOGING AND ARRANGEMENT</b>	802325	
SYNGNATHUS FUSCUS	801830			
SYNGNATHUS LOUISIANAE	801830			
BLENNOIDAE				
CHASMODES BOSQUIANUS	801830			
HYSOBLENNIIUS HENTZI	801830			
GOBIIDAE		<b>STILL PHOTOGRAPHY</b>	800941	
GOBIONELLUS SHUFELDTI	801830		802059	
GOBIOSOMA BOSCI	801830	SHALLOW WATER OBSERVATION	802535	
MUGILOIDEI				
MUGIL CEPHALUS	801830			
MUGIL CUREMA	801830			
CARANGIDAE	801830			
EPHIPPIDAE		<b>XRAY PHOTOGRAPHY</b>	800154	
CHAETODIPTERUS FABER	801830		802223	
GERREIDAE		RAJIDAE	802193	

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<b>SKELETON AGE STUDY</b>			<b>ENVIRONMENT CONTROL DEVICES</b>		<b>ICHTHYOLOGICAL TECHNIQUES (CONTINUED)</b>
ACIPENSEROMORPHA			CLUPEIDAE		
ACIPENSER TRANSMONTANUS	802599		BREVOORTIA TYRANNUS	802765	
ARIIDAE			SALMONIDAE		
TACHYSURUS SONA	803421		SALVELINUS FONTINALIS	802301	
ICTALURIDAE	800083		EGG		
	802327		TELEOSTEI	802302	
PECTORAL FIN SKELETON			OXYGEN	802639	
ICTALURIDAE			AMBYOPSIDAE		
ICTALURUS PUNCTATUS	802762		CHOLOGASTER AGASSIZI	802776	
			WATER POLLUTANTS	802788	
				802789	
<b>PHYSIOLOGICAL TECHNIQUES</b>		802112			
TELEOSTEI		800722			
<b>SURGICAL TECHNIQUES</b>			<b>RADIOACTIVE TRACERS</b>		
TELEOSTEI	802909		CYPRINIDAE		
EMBIOTOCIDAE			CARASSIUS AURATUS	802520	
CYMATOGASTER AGGREGATA	800610		CYPRINUS CARPIO	803478	
TETRAODONTIDAE	800619		LEUCASPIUS DELINEATUS	803478	
ANGUILLIDAE					
ANGUILLA ANGUILLA	802687		<b>RADIATION TECHNIQUES</b>		
ADENOHYPOPHYSIS			POMADASYIDAE		
POECILIIDAE			POMADASYUS HASTA	800913	
POECILIA RETICULATA	800415				
<b>BLOOD COLLECTION</b>			<b>IMMUNOLOGICAL TECHNIQUES</b>		
MYXINOMORPHA			PETROMYZONTOMORPHA	801911	
MYXINE GLUTINOSA	800579		LAMPETRA FLUVIATILIS	801812	
SALMONIDAE			LAMPETRA TRIDENTATA	801821	
SALMO GAIRDNERII	801862		PETROMYZON MARINUS	801160	
				801812	
<b>INJECTION</b>			CARCHARINIDAE		
SQUALOMORPHA	803241		MUSTELUS CANIS	801160	
			SQUALIDAE		
<b>PHYSIOLOGICAL SOLUTIONS</b>			SQUALUS ACANTHIAS	801821	
SALMONIDAE			ACIPENSEROMORPHA		
SALMO SALAR	801665		ACIPENSER STELLATUS	802461	
EFFECT ON FISH			ACIPENSER STURIO	802461	
COTTIDAE			ACIPENSER TRANSMONTANUS	801821	
COTTUS SCORPIUS	800301		TELEOSTEI	801821	
			CICHLIDAE		
<b>METABOLISM MEASUREMENT</b>		800200	AEQUIDENS PULCHER	801743	
GILL VENTILATION MECHANICS			TILAPIA MARIAE	801336	
CALLIONYMOIDEI				801743	
CALLIONYMUS LYRA	802239		SCOMBRIDAE		
			SARDA CHILIENSIS	801161	
<b>METABOLITE COLLECTION</b>			ANGUILLIDAE		
PETROMYZONTOMORPHA			ANGUILLA ANGUILLA	801911	
ENTOSPHENUS TRIDENTATUS	803132		CYPRINIDAE		
SQUALIDAE			CARASSIUS AURATUS	800791	
SQUALUS ACANTHIAS	801285		ICTALURIDAE		
BOTHIDAE			ICTALURUS NEBULOSUS	803301	
PARALICHTHYS LETHOSTIGMA	800604		GADIDAE		
ANGUILLIDAE			POLLACHIUS VIRENS	801742	
ANGUILLA JAPONICA	801460		SALMONIDAE	801831	
CATOSTOMIDAE			SALMO SALAR	801911	
CATOSTOMUS COMMERSONI	800577				
<b>RESPIRATION CHAMBERS</b>		800200	<b>IMMUNOCHEMICAL TECHNIQUES</b>		
		800558	GADIDAE		
		801085	POLLACHIUS VIRENS	801742	
		802031			
CALLIONYMOIDEI			<b>USE AS TEST ANIMAL</b>		
CALLIONYMUS LYRA	802239		SQUALOMORPHA	803241	
CHANNICHTHYIDAE			TELEOSTEI	800722	
CHAENOCEPHALUS ACERATUS	801198		CENTRARCHIDAE	802841	
NOTOTHEINIIDAE	801198		PERCIDAE		
EMBRYO PHYSIOLOGY			PERCA FLAVESCENS	802841	
SALMONIDAE			STIZOSTEDION LUCIOPERCA	801598	
SALMO TRUTTA	801329		STIZOSTEDION VITREUM	802841	
SALMO GAIRDNERII	801329		COTTIDAE		
			COTTUS GOBIO	801598	
<b>SWIMMING CHAMBERS</b>			POECILIIDAE		
CENTRARCHIDAE			POECILIA RETICULATA	800721	
MICROPTERUS SALMOIDES	802283			800725	
GADIDAE			XIPHOPHORUS MACULATUS	800796	
GADUS MORHUA	802309		CATOSTOMIDAE		
SALMONIDAE			CATOSTOMUS COMMERSONI	802841	
ONCORHYNCHUS KISUTCH	802283		COBITIDAE		
			COBITIS TAENIA	801598	
			NOEMACHEILUS BARBATULUS	801598	
			CYPRINIDAE	800889	
				801598	
			CARASSIUS AURATUS	800734	
				800790	
				802841	
			CYPRINUS CARPIO	800725	
				802841	
			PHOXINUS PHOXINUS	803120	
			PIMEPHALES PROMELAS	800796	
				802841	
			ICTALURIDAE		
			ICTALURUS MELAS	802841	
			ICTALURUS PUNCTATUS	802841	
			ESOCIDAE		

ICHTHYOLOGICAL TECHNIQUES  
(CONTINUED)

ESOX LUCIUS	802841
SALMONIDAE	802841
SALMO GAIRDNERII	800722
	801598
SALMO TRUTTA	800725
	801598
PROLACTIN	
CYPRINODONTIDAE	
FUNDULUS HETEROCLITUS	801738
POECILIIDAE	
POECILIA LATIPINNA	801295
IMMUNOLOGICAL ANALYSIS	
ICTALURIDAE	
ICTALURUS NEBULOSUS	803301
EGG	
TELEOSTEI	802759
CYPRINIDAE	
BRACHYDANIO RERIO	802759
POUNDS AND LIVE CARS	
SALMONIDAE	
SALMO SALAR	803080
TISSUE CULTURE TECHNIQUES	
CYPRINIDAE	
PIMEPHALES PROMELAS	803206
LETHAL ENVIRONMENTAL LIMITS	
CYPRINIDAE	
PIMEPHALES PROMELAS	802852
SPOILAGE PROBLEMS	
PLEURONECTIDAE	
PAROPHRYS VETULUS	802475
GADIDAE	
GADUS MACROCEPHALUS	802475
SALMONIDAE	
ONCORHYNCHUS KISUTCH	802475
<b>EMBRYOLOGICAL TECHNIQUES</b>	800941
SALMONIDAE	
SALVELINUS FONTINALIS	800664
<b>EMBRYO TRANSPLANTATION</b>	
CYPRINODONTIDAE	
FUNDULUS HETEROCLITUS	802497
<b>EMBRYO RADIOACTIVE TREATMENT</b>	
COBITIDAE	
MISGURNUS FOSSILIS	800910
	801108
	803164
<b>EMBRYO EXTRACT TREATMENT OF EMBRYO</b>	
CYPRINIDAE	
BRACHYDANIO RERIO	800307
<b>IN VITRO TECHNIQUES</b>	
SCYLIORHINIDAE	
SCYLIORHINUS CANICULUS	801832
CLUPEIDAE	
CLUPEA HARENGUS	802389
ANGUILLIDAE	
ANGUILLA ANGUILLA	801289
ANGUILLA JAPONICA	801359
CYPRINIDAE	
CARASSIUS AURATUS	801558
BATRACHOIDIFORMES	
OPSANUS TAU	803268
<b>TISSUE CULTURE TECHNIQUES</b>	
CENTRARCHIDAE	
LEPOMIS MACROCHIRUS	801220
POECILIIDAE	
XIPHOPHORUS HELLERII X	
XIPHOPHORUS MACULATUS X	800730
	800787
CYPRINIDAE	
PIMEPHALES PROMELAS	800796
SALMONIDAE	
ONCORHYNCHUS KISUTCH	803297
SALMO GAIRDNERII	803297
CARYOTYPE	
POMADASYIDAE	
HAEMULON SCIURUS	803204
USE AS TEST ANIMAL	
SALMONIDAE	
SALMO GAIRDNERII	802383
LETHAL ENVIRONMENTAL LIMITS	
WATER POLLUTANTS	
CYPRINIDAE	
PIMEPHALES PROMELAS	803206
CYTOLOGY	

INHERITANCE	
POECILIIDAE	
XIPHOPHORUS	803116
GEOGRAPHIC VARIATION	
POECILIIDAE	
XIPHOPHORUS HELLERII	803116
<b>ECOLOGICAL TECHNIQUES</b>	802112
<b>OUTDOOR CENSUS AND SAMPLING</b>	802329
	802452
	802773
	800011
	800011
HOLOCENTRIDAE	
BLENNIIDAE	
CARANGIDAE	
SERIOLA QUINQUERADIATA	800483
EMMELICHTHYIDAE	800011
SERRANIDAE	800011
GEMPYLIDAE	800011
SCOMBRIDAE	800011
EUTHYNNUS	802887
SCOMBEROMORUS CAVALLA	802053
SCOMBEROMORUS MACULATUS	802053
THUNNUS	802887
THUNNUS ALBACARES	803359
EXOCOETIDAE	800011
	803184
PERCOPSIDAE	
PERCOPSIS OMISCOMAYCUS	802378
MYCTOPHIDAE	800011
SALMONIDAE	800892
ONCORHYNCHUS	802746
ONCORHYNCHUS GORBUSCHA	802396
ONCORHYNCHUS NERKA	802426
	802858
ONCORHYNCHUS TSHAWYTSCHA	802344
SALMO SALAR	801480
	801694
	801695
	802730
	800068
	801694
	800011
SALVELINUS FONTINALIS	
GONOSTOMATIDAE	
EGG	
SALMONIDAE	800087
FRY	
SALMONIDAE	
ONCORHYNCHUS KISUTCH	802401
SONAR OBSERVATION	
TELEOSTEI	802575
SLOW FLOWING STREAMS	803180
VERTICAL DISTRIBUTION	
CENTRARCHIDAE	
LEPOMIS GIBBOSUS	802734
PERCIDAE	
PERCA FLAVESCENS	802734
CLUPEIDAE	
ALOSA PSEUDOHARENGUS	802734
CYPRINIDAE	
NOTEMIGONUS CRYSOLEUCAS	802734
OSMERIDAE	
OSMERUS MORDAX	802734
EFFECT ON FISH	
CORAL REEF	
TELEOSTEI	801890
<b>MEASURING EGG ABUNDANCE</b>	802330
SCOMBRIDAE	
THUNNUS	803494
PLEURONECTIDAE	801459
CLUPEIDAE	
CLUPEA HARENGUS	801447
GADIDAE	801459
SALMONIDAE	
SALVELINUS MALMA	800998
<b>MEASURING LARVAL ABUNDANCE</b>	802331
PETROMYZONTOMORPHA	
PETROMYZON MARINUS	802732
TELEOSTEI	802706
PERCIDAE	
PERCA FLAVESCENS	802063
STIZOSTEDION VITREUM	802065
SCOMBRIDAE	
THUNNUS	803494
COTTIDAE	
COTTUS BELDINGII	802786
CLUPEIDAE	
CLUPEA HARENGUS	801002
	801481
	802423

<b>FEEDING ANALYSIS METHODS</b>			TELEOSTEI	801934	ICHTHYOLOGICAL TECHNIQUES (CONTINUED)
PERCIDAE			GOBIIDAE		
STIZOSTEDION VITREUM	802415		GOBIOSOMA BOSCI	802506	
			MUGILOIDEI		ECOLOGY
			MUGIL CEPHALUS	802506	
			CARANGIDAE	802506	
			ECHENEIDAE		HABITATS
			REMORA REMORA	802506	
<b>ARTIFICIAL MODEL HABITATS</b>	802337		EPHIPPIDAE		
TELEOSTEI	800720		CHAEOTODIPTERUS FABER	802506	
CARANGIDAE			SCIAENIDAE	802506	
SERIOIA QUINQUERADIATA	800488		SPARIDAE		
GERREIDAE			ARCHOSARGUS PROBATOCEPHALUS	802506	
EUCINOSTOMUS	800255		LAGODON RHOMBOIDES	802506	
SCIAENIDAE			SCOMBRIDAE		
MICROPOGON UNDULATUS	800255		SCOMBEROMORUS MACULATUS	802506	
PLEURONECTIDAE			TRICHIURIDAE		
PLEURONECTES PLATESSA	801950		TRICHIURUS LEPTURUS	802506	
CYPRINODONTIDAE			SPHYRAENOIDEI		
FUNDULUS HETEROCLITUS	800255		SPHYRAENA BOREALIS	802506	
POECILIIDAE			STROMATEIDAE		
POECILIA RETICULATA	801826		PEPRILUS ALEPIDOTUS	802506	
SALMONIDAE			PEPRILUS TRIACANTHUS	802506	
ONCORHYNCHUS GORBUSCHA	800949		URANOSCOPIIDAE		
ONCORHYNCHUS KETA	800949		ASTROSCOPUS YGRAECUM	802506	
			BOTHIDAE		
			CITHARICHTHYS SPILOPTERUS	802506	
			ETROPUS CROSSOTUS	802506	
			PARALICHTHYS ALBIGUTTA	802506	
<b>MATHEMATICAL POPULATION MODELS</b>	802246		CYNOGLOSSIDAE		
	802247		SYMPHURUS PLAGIUSA	802506	
	802322		SOLEIDAE		
	802329		TRINECTES MACULATUS	802506	
	802332		TRIGLIDAE		
	802429		PRIONOTUS TRIBULUS	802506	
	802446		BALISTIDAE		
	802452		ALUTERA SCRIPTA	802506	
	802722		TETRAODONTIDAE		
TELEOSTEI			SPHAERODES NEPHELUS	802506	
GASTEROSTEIDAE			ATHERINIDAE		
GASTEROSTEUS ACULEATUS	801735		MEMBRAS MARTINICA	802506	
PERCIDAE			MENIDIA BERYLLINA	802506	
PERCA FLUVIATILIS	802824		CYPRINODONTIDAE	802506	
SCOMBRIDAE			BELONIDAE		
THUNNUS ALBACARES	801158		STRONGYLURA MARINA	802506	
SALMONIDAE			EXOCOETIDAE		
ONCORHYNCHUS GORBUSCHA	802396		HYPORHAMPHUS UNIFASCIATUS	802506	
ONCORHYNCHUS NERKA	802426		CLUPEIDAE	802506	
COMPUTER ANALYSIS	802518		ENGRAULIDAE		
INTERSPECIFIC COMPETITION	801686		ANCHOA HEPSETUS	802506	
RECRUITMENT	802607		ANCHOA MITCHILLI	802506	
REGULATION OF CATCH			ELOPIDAE		
MAXIMUM YIELD			ELOPS SAURUS	802506	
PLEURONECTIDAE			ARIIDAE		
HIPPOGLOSSUS STENOLEPIS	801983		BAGRE MARINUS	802506	
			GALEICHTHYS FELIS	802506	
			GOBIESOCIFORMES		
<b>RADIOACTIVE ECOLOGICAL TECHNIQUES</b>			GOBIESOX STRUMOSUS	802506	
MUGILOIDEI			ANTENNARIIDAE		
MUGIL CEPHALUS	800140		HISTRIO HISTRIO	802506	
CYPRINIDAE			FISH CULTURAL METHODOLOGY		
CARASSIUS AURATUS	802405		MUGILOIDEI		
	802163		MUGIL	802278	
			PLEURONECTIDAE		
			PLEURONECTES PLATESSA	802278	
			CHANIDAE		
			CHANOS CHANOS	802278	
<b>AQUATIC SOUND TECHNIQUES</b>					
ARIIDAE			<b>CORAL REEF</b>		
GALEICHTHYS FELIS	803295		ACANTHURIDAE	803086	
BATRACHOIDIFORMES			LUTJANIDAE	803086	
OPSANUS BETA	803295		SERRANIDAE	803086	
<b>COMPUTER ANALYSIS</b>					
PERCIDAE			<b>PELAGIC ZONE</b>		
PERCA FLUVIATILIS	802824		MAXIMUM SIZE		
	803244		ELASMOBRANCHII	801644	
			COELACANTHINI	801644	
			TELEOSTEI	801644	
<b>FOSSIL FISH TECHNIQUES</b>	800160				
	800941				
	802618				
	802055		<b>NERITIC ZONE</b>	800598	
ANTIARCHI					
XRAY PHOTOGRAPHY					
COCHLIODONTOMORPHA					
MENASPIS ARMATA	803399				
			<b>MESOPELAGIC ZONE</b>		
<b>FISH COMMUNITIES</b>	801000		TELEOSTEI	803099	
COMPUTER ANALYSIS					
ELASMOBRANCHII	802408				
TELEOSTEI	802408		<b>BATHYPELAGIC ZONE</b>		
			TELEOSTEI	803099	
<b>LITTORAL ZONE</b>			MACROURIDAE		
ELASMOBRANCHII			CHALINURUS FILIFERA	800590	
DASYATIDAE	801934		CHALINURUS SERRULA	800590	
DASYATIS AMERICANA	802506		HEMIMACRURUS ACROLEPIS	800590	
			NEMATONURUS LONGIFILIS	800590	
			MORIDAE		

HABITATS (CONTINUED)	ANTIMORA ROSTRATA	800590	CYMATOGASTER AGGREGATA	802604
			EMMELICHTHYIDAE	803131
			EPHIPPIDAE	
			DREPANE AFRICANA	802408
			KYPHOSIDAE	
			BOOPS BOOPS	802408
			LETHRINIDAE	
			LETHRINUS ATLANTICUS	802408
			LUTJANIDAE	
			LUTJANUS AGENNES	802408
			LUTJANUS FULGENS	802408
			MULLIDAE	803131
			PSEUDUPENEUS PRAYENSIS	802408
			POMADASYIDAE	803131
			BRACHYDEUTERUS AURITUS	802408
			POMADASYUS JUBELINI	802408
			POMATOMIDAE	
			POMATOMUS SALTATRIX	803131
			PRIACANTHIDAE	
			PRIACANTHUS ARENATUS	802408
			SCIAENIDAE	
			PSEUDOTOLITHUS SENEGALENSIS	802408
			PSEUDOTOLITHUS TYPUS	802408
			PTEROSCION MBIZI	802408
			PTEROSCION PELI	802408
			SERRANIDAE	803131
			EPINEPHELUS AENEUS	802408
			SPARIDAE	803131
			DENTEX ANGOLENSIS	802408
			DENTEX CONGOENSIS	802408
			PAGELLUS COUPEI	802408
			PAGRUS EHRENBERGI	802408
			POLYNEMOIDEI	
			GALEOIDES DECACTYLUS	802408
				803131
			PENTANEMUS QUINQUARIUS	802408
			GEMPYLIDAE	
			RUVEITUS PRETIOSUS	803131
			SCOMBRIDAE	803131
			SCOMBER JAPONICUS	802408
			TRICHIURIDAE	
			LEPIDOPUS CAUDATUS	803131
			TRICHIURUS LEPTURUS	802408
				803131
			SPHYRAENOIDEI	
			SPHYRAENA	802408
			ARIOMMIDAE	
			ARIOMMA LEDANOISEI	802408
			CENTROLOPHIDAE	
			CENTROLOPHUS NIGER	803131
			MUPUS OVALIS	803131
			NOMEIDAE	
			CUBICEPS ISMAELENIS	803131
			PARACUBICEPS LEDANOISI	803131
			STROMATEIDAE	
			STROMATEUS FIATOLA	803131
			BATHYMASTERIDAE	
			RONQUILUS JORDANI	802604
			PERCOPHIDAE	
			BEMBROPS HETERURUS	802408
				803131
			TRACHINIDAE	
			URANOSCOPIIDAE	
			URANOSCOPIUS BUFO	803131
			URANOSCOPIUS SCABER	803131
			BOTHIDAE	801995
				803131
			BOTHUS PODAS	802408
			CITHARICHTHYS SORDIDUS	802604
			CITHARICHTHYS STIGMAEUS	802604
			EUCITHARUS LINGUATULA	802408
			CYNOGLOSSIDAE	
			CYNOGLOSSUS BROWNI	802408
			CYNOGLOSSUS CANARIENSIS	802408
			SYMPHURUS NIGRESCENS	803131
			PLEURONECTIDAE	802604
			PLATICHTHYS FLESUS	801995
				803131
			PSETTODIDAE	
			PSETTODES BELCHERI	803131
			SOLEIDAE	801995
				803131
			AGONIDAE	802604
			COTTIDAE	802604
			ANOPLLOPOMATIDAE	
			ANOPLLOPOMA FIMBRIA	802604
			HEXAGRAMMIDAE	
			OPHIODON ELONGATUS	802604
			PLATYCEPHALOIDEI	
			PLATYCEPHALUS GRUVELI	803131
			SCORPAENIDAE	802604
				80



CAPROS APER	803131	APOGONIDAE	803131	HABITATS
ZEIDAE	803131	EPIGONUS TELESOPUS	802408	(CONTINUED)
ZENOPSIS CONCHIFER	802408	SYNAGROPS MICROLEPIS	802408	
CLUPEIDAE	803131	POMATOMIDAE		
ILISHA AFRICANA	802408	HYPOCLYDONIA BELLA	802408	
ENGRAULIDAE		SPARIDAE	803131	
ENGRAULIS ENCRASICOLUS	803131	TRICHIURIDAE		
ENGRAULIS HEPSETUS	803131	BENTHODESMUS	802408	
MURAENESOCIDAE		LEPIDOPUS CAUDATUS	803131	
MURAENESOX FEROX	803131	ARIOMMIDAE		
MURAENIDAE		ARIOMMA MULTISQUAMIS	802408	
MURAENA HELENA	803131	CENTROLOPHIDAE		
NETTASTOMATIDAE		CENTROLOPHUS NIGER	803131	
NETTASTOMA MELANURA	803131	NOMEIDAE		
OPHICHTHIDAE		CUBICEPS ISMAELENIS	803131	
ECHELUS MYRUS	803131	PERCOPHIDIDAE		
MYSTRIOPHIS ROSTELLATUS	803131	BEMBROPS HETERURUS	802408	
OPHISURUS SERPENS	803131	BOTHIDAE	801995	
ALBULIDAE			803131	
ALBULA VULPES	802408	CHASCANOPSETTA LUGUBRIS	802408	
PTEROTHRISUS BELLOCI	803131	CYNOGLOSSIDAE		
ARIIDAE		SYMPHURUS LIGULATUS	803131	
ARIUS	802408	SYMPHURUS NIGRESCENS	803131	
ARIUS HEUDELOTI	803131	PLEURONECTIDAE	802604	
BATRACHOIDIFORMES		SOLEIDAE	801995	
BATRACHOIDES DIDACTYLUS	803131		803131	
GADIDAE	803131	CYCLOPTERIDAE		
MICROGADUS PROXIMUS	802604	CAREPROCTUS MELANURUS	802604	
MACROURIDAE	803131	RHINOLIPARIS ATTENUATUS	802604	
MERLUCCIIDAE		ANOPLPOMATIDAE		
MERLUCCIIUS CADENATI	803131	ANOPLPOMA FIMBRIA	802604	
MERLUCCIIUS MERLUCCIIUS	803131	SCORPAENIDAE	802604	
MERLUCCIIUS SENEGALENSIS	803131		803131	
OPHIDIIDAE		SETARCHES GUENTHERI	802408	
BROTULA BARBATA	802408	TRIGLIDAE		
	803131	PERISTEDION CATAPHRACTUM	802408	
OPHIDION BARBATUM	803131	CAPROIDAE		
ANTENNARIIDAE		ANTIGONIA CAPROS	802408	
ANTENNARIUS OCCIDENTALIS	803131	GRAMMICOLEPIDIDAE		
LOPHIIDAE	803131	GRAMMICOLEPIS BRACHIUSCULUS	803131	
ARGENTINIDAE		ZEIDAE	803131	
ARGENTINA LEIOGLOSSA	803131	CYTUS ROSEUS	802408	
ARGENTINA SPHYRAENA	803131	ZENOPSIS CONCHIFER	802408	
AULOPODIDAE		NEMICHTHYIDAE		
AULOPUS FILAMENTOSUS	803131	NEMICHTHYS SCOLOPACEUS	803131	
CHLOROPHTHALMIDAE		NETTASTOMATIDAE		
CHLOROPHTHALMUS AGASSIZI	803131	NETTASTOMA MELANURA	803131	
CHLOROPHTHALMUS FRASERBRUNNERI	803131	VENEFICA PROBOSCEIDA	803131	
MYCTOPHIDAE	803131	OPHICHTHIDAE		
PARALEPIDIDAE	803131	OPHISURUS SERPENS	803131	
SYNODONTIDAE		SYNAPHOBANCHIDAE		
SAURIDA PARRI	803131	SYNAPHOBANCHUS PINNATUS	803131	
SYNODUS SAURUS	803131	HALOSAURIDAE		
TRACHINOCEPHALUS MYOPS	802408	HALOSAURUS OWENI	802408	
CHAULIODONTIDAE			803131	
CHAULIODUS SLOANEI	803131	NOTACANTHIDAE		
GONOSTOMATIDAE		NOTACANTHUS BONAPARTEI	803131	
MAUROLICUS MUELLERI	803131	NOTACANTHUS MOSELEYI	803131	
STERNOPTYCHIDAE		POLYACANTHONOTUS RISSOANUS	803131	
ARGYROPELECUS HEMIGYMNUS	803131	GADIDAE	803131	
STOMIATIDAE		MACROURIDAE	802408	
STOMIAS BOA	803131		803131	
AS PREDATOR		CORYPHAENOIDES ACROLEPIS	802604	
PLEURONECTIDAE		CORYPHAENOIDES PECTORALIS	802604	
LIMANDA LIMANDA	800179	MERLUCCIIDAE		
PLATICHTHYS FLEUS	800179	MERLUCCIIUS	802408	
PLEURONECTES PLATESSA	800179	MERLUCCIIUS CADENATI	803131	
PLEURONECTES FLEUS	800179	MERLUCCIIUS MERLUCCIIUS	803131	
		MERLUCCIIUS SENEGALENSIS	803131	
		MORIDAE	802408	
		ANTIMORA ROSTRATA	802604	
		HALOPORPHYRUS LEPIDION	803131	
		MORA MORA	803131	
		OPHIDIIDAE		
		GRAMMONUS ARMATUS	803131	
		OLIGOPUS ATER	803131	
		ZOARCIDAE	802604	
		CHAUNACIDAE		
		CHAUNAX PICTUS	802408	
			803131	
		HIMANTOLOPHIDAE		
		PARONEIRODES WEDLI	803131	
		LOPHIIDAE	803131	
		OGCOCEPHALIDAE		
		DIBRANCHUS ATLANTICUS	802408	
			803131	
		ATELEOPODIDAE		
		MELANOGLAEA VENTRALIS	803131	
		ALEPOCEPHALOIDEI		
		ALEPOCEPHALUS CONVEXIFRONS	802604	
		ALEPOCEPHALUS ROSTRATUS	803131	
		XENODERMICHTHYS SOCIALIS	803131	
		ARGENTINIDAE		
		ARGENTINA LEIOGLOSSA	803131	
		ARGENTINA SPHYRAENA	803131	
		BATHYPTEROIDAE		
		BATHYPTEROIS MEDITERRANEUS	803131	
		CHLOROPHTHALMIDAE		
		CHLOROPHTHALMUS AGASSIZI	803131	
		CHLOROPHTHALMUS ATLANTICUS	803131	
		EVERMANNELLIDAE		
		EVERMANNELLA BALBO	803131	
		MYCTOPHIDAE	803131	
		NEOSCOPELIDAE		
		NEOSCOPELUS MACROLEPIDOTUS	803131	
		NEOSCOPELUS MICROCHIR	803131	
		PARALEPIDIDAE	803131	

# BATHYAL ZONE

MYXINOMORPHA	
EPTATRETUS DEANI	802604
EPTATRETUS STOUTII	802604
CHIMAEROMORPHA	
CHIMAERA MONSTROSA	803131
RAJIDAE	803131
RAJA KINCAIDII	802604
RAJA TRACHURA	802604
CARCHARINIDAE	803131
GALEUS POLLI	802408
SCYLIORHINIDAE	
PRISTIURUS MELANTOSTOMUS	803131
HEXANCHIFORMES	
HEPTRANCHIAS CINEREUS	803131
HEXANCHUS GRISEUS	803131
ECHINORHINIDAE	
SCYMNORHINUS LICA	803131
SOMNIOSUS ROSTRATUS	803131
SQUALIDAE	803131
ETMOPTERUS PUSILLUS	802408
SQUATINIDAE	
SQUATINA ACULEATA	803131
SQUATINA OCULATA	803131
BERYCIDAE	
BERYX DECADACTYLUS	803131
BERYX SPLENDENS	803131
TRACHICHTHYIDAE	
HOPLOSTETHUS	803131
HOPLOSTETHUS MEDITERRANEUS	803131
SYNGNATHIDAE	
SYNGNATHUS PHLEGON	803131
CALLIONYMOIDEI	
CALLIONYMUS PHAETON	803131
LABRIDAE	803131

HABITATS (CONTINUED)				
ASTRONESTHIDAE	803131	SPHYRAENIDAE		802516
DIPLOLYCHNUS LUCIFER	803131	SPHYRAENA PINGUIS		
DIPLOLYCHNUS MONONEMA		PLEURONECTIDAE		802516
CHAULIODONTIDAE		KAREIUS BICOLORATUS		
CHAULIODUS SLOANEI	803131	SOLEIDAE		802516
GONOSTOMATIDAE		HETEROMYCTERIS JAPONICUS		
GONOSTOMA DENUDATUM	803131	HEXAGRAMMIDAE		802516
MAUROLICUS MUELLERI	803131	AGRAMMUS AGRAMMUS		802516
YARELLA CORYTHAEOLA	803131	HEXAGRAMMUS OTAKII		
STERNOPTYCHIDAE		PLATYCEPHALOIDEI		802516
ARGYROPELECUS ACANTHURUS	803131	PLATYCEPHALUS INDICUS		
ARGYROPELECUS HEMIGYMNUS	803131	SCORPAENIDAE		802516
ARGYROPELECUS OLFERSI	803131	SEBASTES OBLONGUS		802516
STOMIATIDAE		SEBASTODES INERMIS		
BATHOPHILUS NIGERRIMUS	803131	TRIGLIDAE		802516
STOMIAS BOA	803131	CHELIDONICHTHYS KUMU		
		BALISTIDAE		802516
		RUDARIUS ERCODES		
		TETRAODONTIDAE		802516
		FUGU NIPHOBLES		
		ATHERINIDAE		802516
ABYSSAL ZONE	801995	ATHERINA BLEEKERI		
BOTHIDAE		BELONIDAE		802516
CYNOGLOSSIDAE	801995	ABLENNES ANASTOMELLA		
SYMPHURUS NIGRESCENS	801995	EXOCOETIDAE		802516
SOLEIDAE		HEMIRAMPHUS KURUMEUS		802516
		PROGNICHTHYS AGOO		802516
		CLUPEIDAE		
		ENGRAULIDAE		802516
		ENGRAULIS JAPONICA		
SUBZERO WATERS	801646	ANGUILLIDAE		802516
TELEOSTEI		ANGUILLA JAPONICA		
NOTOTHENIIDAE		CONGRIDAE		802516
TREMATOMUS BERNACCHII	800618	ASTROCONGER MYRIASTER		
GADIDAE		MURAEINOSOCIDAE		802516
BOREOGADUS SAIDA	801136	MURAEINUS CINEREUS		
	801137	CYPRINIDAE		802516
	801138	CARASSIUS AURATUS		802516
ELEGINUS NAVAGA		CYPRINUS CARPIO		802516
METABOLIC RATE	803098	ISCHIKAUJA STEENACKERI		
NOTOTHENIIDAE	803098	SALANGIDAE		802516
ZOARCIDAE		SALANGICHTHYS MICRODON		
		SYNODONTIDAE		802516
		SAURIDA UNDOQUAMIS		
		OSMERIDAE		802516
		HYPOMESUS OLIDUS		
BRACKISH ENVIRONMENT	801637			
PETROMYZONTOMORPHA	801637	MINERAL WATERS		801745
ELASMOBRANCHII	801637	CYPRINODONTIDAE		801745
TELEOSTEI		POECILIIDAE		
GASTEROSTEIDAE	800627			
GASTEROSTEUS ACULEATUS		OLIGOTROPHIC LAKES		
AMMODYTIDAE	800627	CYPRINIDAE		802439
AMMODYTES TOBIANUS		SCHIZOPYGOPSIS STOLICZKAII		802802
GOBIIDAE	800627	TINCA TINCA		
GOBIUS MICRIPS				
MUGILOIDEI	800627			
MUGIL LABROSUS				
CICHLIDAE	803371			
TILAPIA				
SERRANIDAE	800627			
MORONE LABRAX				
TRACHINIDAE	800627			
TRACHINUS VIPERA				
PLEURONECTIDAE	800627			
LIMANDA LIMANDA	800627			
PLATICHTHYS FLESUS	800627			
PLEURONECTES PLATESSA	800627			
ANGUILLIDAE	800627			
ANGUILLA ANGUILLA				
CONGRIDAE	800627			
CONGER CONGER				
GADIDAE	800627			
GADUS MORHUA				
GALAXIIDAE	801963			
GALAXIAS MACULATUS				
EUTROPIC LAKES				
SIGANIDAE	802516			
SIGANUS FUSCESCENS				
AMMODYTIDAE	802516			
AMMODYTES PERSONATUS				
PHOLIDIDAE	802516			
ENEDRIAS NEBULOSUS				
CALLIONYMOIDEI	802516			
CALLIONYMUS RICHARDSONI				
GOBIIDAE	802516			
ACANTHOGOBIIUS FLAVIMANUS				
MUGILOIDEI	802516			
MUGIL CEPHALUS				
CARANGIDAE	802516			
SERIOLA QUINQUERADIATA	802516			
TRACHURUS JAPONICUS				
EMBIOTOCIDAE	802516			
DITREMA TEMMINCKI				
KYPHOSIDAE	802516			
GIRELLA PUNCTATA				
LEIOGNATHIDAE	802516			
LEIOGNATHUS NUCHALIS				
SERRANIDAE	802516			
LATEOLABRAX JAPONICUS				
SILLAGINIDAE	802516			
SILLAGO SIHAMA				
SPARIDAE	802516			
CHRYSOPTERYGIUS MAJOR	802516			
MYLIO MACROCEPHALUS	802516			
THERAPONIDAE	802516			
THERAPON OXYRHYNCHUS				
TRICHIURIDAE	802516			
TRICHIURUS JAPONICUS				

ANGUILLA ANGUILLA	802048	SALMONIDAE		HABITATS
CYPRINIDAE	802048	ONCORHYNCHUS TSHAWYTSCHA	802767	(CONTINUED)
ESOCIDAE				
ESOX LUCIUS	802048			
		SWAMPS AND MARSHES		
		PERCIDAE		
		ACERINA CERNUA	801759	
		PERCA FLUVIATILIS	801759	
		CYPRINIDAE		
		CYPRINUS CARPIO	801759	
		RUTILUS RUTILUS	801759	
		GADIDAE	801759	
		LOTA LOTA	801759	
		ESOCIDAE		
		ESOX LUCIUS	801759	
			802972	
LIMNETIC ZONE				
CICHLIDAE	801279			
FRESHWATER BENTHIC ZONE				
CICHLIDAE	801279			
	802424			
RESERVOIRS		STAGNANT WATERS		
ACIPENSEROMORPHA		SYNBRANCHIDAE		
ACIPENSER GUELLENSTAEDTI	803200	SYNBRANCHUS MARMORATUS	800219	
ACIPENSER RUTHENUS	803200	CALLICHTHYIDAE		
HUSO HUSO	803200	DIANEMA LONGIBARBIS	800219	
SEMIONOTOMORPHA	802156			
CENTRARCHIDAE	802156			
PERCIDAE				
PERCA FLUVIATILIS	802948			
	803018			
	803496			
	802156	ASTATIC WATERS		
STIZOSTEDION CANADENSE	802948	CYPRINODONTIDAE		
STIZOSTEDION LUCIOPERCA	803496	APHYOSEMION ROLOFFII	800239	
	802156	DESCRIPTION AND OCCURRENCE		
		GALAXIIDAE		
STIZOSTEDION VITREUM		NEOCHANNA APODA	800333	
SCIAENIDAE				
APLODINOTUS GRUNNIENS	802156			
SERRANIDAE				
MORONE CHRYSOPS	802156			
COTTIDAE				
COTTUS CAROLINAE	802156	TORRENTIAL STREAMS		
CYPRINODONTIDAE		MASTACEMBELIDAE		
FUNDULUS OLIVACEUS	802156	CAECOMASTACEMBELUS BRICHARDI	803015	
POECILIIDAE		CICHLIDAE		
GAMBUSIA AFFINIS	802156	TELEGRAMMA BRICHARDI	803015	
CLUPEIDAE		BAGRIDAE		
ALOSA CHRYSOCHLORIS	802156	RHEOGLANIS DENDROPHORUS	803015	
DOROSOMA CEPEDIANUM	802156	ZAIREICHTHYS ZONATUS	803015	
DOROSOMA PETENENSE	802156	SCHILBEIDAE		
CATOSTOMIDAE	802156	GYMNALLABES TIHONI	803015	
CYPRINIDAE	802046	SISORIDAE		
	802156	CHIOGLANUS ANOTERUS	801217	
	802660	MORMYRIDAE	803015	
	802948			
ABRAMIS BALLERUS	802822			
ABRAMIS BRAMA	803190			
	803340			
	803495	FAST FLOWING STREAMS		
	803497	LORICARIIDAE		
ASPIUS ASPIUS	803347	HYPOSTOMUS	802883	
CARASSIUS AURATUS	802156			
	803326			
CARASSIUS CARASSIUS	803326			
CHALCALBURNUS CHALCOIDES	803159			
CYPRINUS CARPIO	802156	SUBTERRANEAN WATERS		
	803476	POECILIIDAE		
	803159	GAMBUSIA AFFINIS	801889	
VIMBA VIMBA		POECILIA SPHENOPS	801154	
BAGRIDAE		TRICHOMYCTERIDAE		
MYSTUS AOR	802660	TRICHOMYCTERUS CHABERTI	803309	
MYSTUS SEENGHALA	802660	AMBLYOPSIDAE		
ICTALURIDAE		CHOLOGASTER AGASSIZI	802776	
ICTALURUS PUNCTATUS	802156	DESCRIPTIVE EVOLUTION		
PANGASIIDAE		POECILIIDAE		
PANGASIUS PANGASIUS	802660	POECILIA SPHENOPS	801168	
SCHILBEIDAE		EFFECT ON FISH		
SILONIA SILONDIA	802660	ADAPTIVE EVOLUTION		
SILURIDAE		CHARACIDAE		
WALLAGONIA ATTU	802660	ASTYANAX ANTROBIUS	801262	
HIODONTIDAE				
HIODON TERGISUS	802156			
MORMYRIDAE	802659			
GADIDAE				
LOTA LOTA	803496			
	803498	THERMAL SPRINGS		
	803499	CICHLIDAE		
ESOCIDAE		TILAPIA ALCALICA	800685	
ESOX LUCIUS	802948	TILAPIA GRAHAMI	800685	
	803476	TILAPIA MOSSAMBICA	801217	
	803496	CYPRINODONTIDAE		
SALMONIDAE		CYPRINODON BIFASCIATUS	801477	
ONCORHYNCHUS KISUTCH	802107	POECILIIDAE		
ONCORHYNCHUS TSHAWYTSCHA	802107	POECILIA	801372	
SALMO GAIRDNERII	802107			
	802156			
SALMO TRUTTA	801319			
POPULATION CHANGES				
TELEOSTEI	801498	MANMADE HABITATS		
PRODUCTIVITY		GASTEROSTEIDAE		
TELEOSTEI	801682	GASTEROSTEUS ACULEATUS	800627	
EFFECT ON FISH		AMMODYTIDAE		
RATE OF GROWTH		AMMODYTES TOBIANUS	800627	
POPULATION DENSITY		Gobiidae		
SCIAENIDAE		Gobius microps	800627	
APLODINOTUS GRUNNIENS	802775	LOPHOGOBIOUS CYPRINOIDES	803054	
MIGRATIONS		MUGILOIDEI		
YOUNG		MUGIL LABROSUS	800627	

HABITATS	SERRANIDAE		STIZOSTEDION VITREUM	802065
(CONTINUED)	MORONE LABRAX	800627	SCORPAENIDAE	801778
	TRACHINIDAE		SCOMBERESOCIDAE	
	TRACHINUS VIPERA	800627	COLOLABIS SAIRA	801778
	PLEURONECTIDAE		CLUPEIDAE	
	LIMANDA LIMANDA	800627	CLUPEA HARENGUS	801001
	PLEURONCTES FLESUS	800627		801002
	PLEURONCTES PLATESSA	800627		801481
	ANGUILLIDAE			802423
	ANGUILLA ANGUILLA	800627	ETRUMEUS TERES	800555
	CONGRIDAE		SARDINOPS MELANOSTICTA	800555
	CONGER CONGER	800627	SARDINOPS CAERULEA	801778
	GADIDAE		ENGRAULIDAE	
	GADUS MORHUA	800627	ENGRAULIS MORDAX	801778
	DESCRIPTION AND OCCURRENCE			802141
	VASCULAR PLANTS	801424	ENGRAULIS JAPONICUS	800555
			GADIDAE	
			LOTA LOTA	802495
			MICROMESISTIUS POUTASSOU	801134
DISTRIBUTION WITHIN HABITAT			MERLUCCIIDAE	
ALOPIIDAE			MERLUCCIIUS PRODUCTUS	801778
ALOPIAS VULPINUS	802440		MYCTOPHIDAE	
CARCHARHINIDAE	802440		DIAGENICHTHYS LATERNATUS	801778
ACANTHURIDAE			GONOSTOMATIDAE	
ACANTHURUS TRIOSTEGUS	802212		VINCIGUERRIA LUCETIA	801778
AMMODYTIDAE			TEMPERATURE	
AMMODYTES DUBIUS	802544		ISTIOPHORIDAE	
GOBIIDAE			MAKAIRA NIGRICANS	802191
PERIOPHTHALMUS SOBRINUS	802217		CIRCADIAN RHYTHMS	
CENTRARCHIDAE	801877		YOUNG	
	802534		COTTIDAE	
CICHLIDAE			COTTUS ASPER	802556
HEMICHRONIS FASCIATUS	802624		SEASONAL CHANGES	
PELMATOCHROMIS GUENTHERI	802624		COTTIDAE	
TILAPIA BUSUMANA	802624		COTTUS ALEUTICUS	800781
TILAPIA DISCOLOR	802624		FEEDING	
TILAPIA MULTIFASCIATA	802624		FRY	
PERCIDAE	802534		MUGILOIDEI	
PERCA FLAVESCENS	802393		MUGIL AURATUS	802826
ISTIOPHORIDAE	802440		MUGIL CEPHALUS	802826
SCOMBROIDAE	802440		MUGIL SALIENS	802826
EUTHYNUS PELAMIS	802462		MATING	
THUNNUS	802462		CLUPEIDAE	
THUNNUS ALALUNGA	802963		CLUPEA HARENGUS	801003
XIPHIIDAE			EXPERIMENTAL ANALYSIS	
XIPHIAS GLADIUS	802440		CARANGIDAE	
EXOCHOETIDAE	803184		SERIOLA QUINQUERADIATA	800488
CLUPEIDAE				
CLUPEA HARENGUS	801004			
DORSOMA CEPEDIANUM	801877			
CATOSTOMIDAE	801877		VERTICAL DISTRIBUTION	
	802534		MYXINOMORPHA	
CYPRINIDAE	802534		EPTATRETUS DEANI	802604
BARBUS ABLABES	802624		EPTATRETUS STOUTII	802604
BARBUS TRISPILUS	802624		CHIMAEROMORPHA	
CYPRINUS CARPIO	801877		CHIMAERA MONSTROSA	801248
HYBOGNATHUS NUCHALIS	801877		HYDROLAGUS AFFINIS	801084
NOTROPIS CHRYSOCEPHALUS	801877		HYDROLAGUS COLLIEI	801780
CLARIIDAE				802604
HETEROBANCHUS LONGIFILIS	802624		ELASMOBRANCHII	802408
ICTALURIDAE	802534		RAJIDAE	801780
ICTALURUS PUNCTATUS	801877			802604
ESOCIDAE			BREVIRAJA PALLIDA	801084
ESOX AMERICANUS	801877		RAJA RICHARDSONI	801084
SALMONIDAE			HEXANCHIFORMES	
ONCORHYNCHUS KISUTCH	802107		CHLAMYDOSELACHUS ANGUINEUM	802456
ONCORHYNCHUS TSHAWYTSCHA	802107		SQUALIDAE	803060
SALMO GAIKNERII	802107		CENTROPHORUS SQUAMOSUS	801084
EGG			CENTROSCYMNUM COELOLEPIS	801084
CARANGIDAE			DEANIA CALCEA	801084
TRACHURUS SYMMETRICUS	801778		ETMOPTERUS PRINCEPS	801084
SCOMBROIDAE			SQUALUS ACANTHIAS	801780
SCOMBER SCOMBRUS	801998			802604
PLEURONECTIDAE			ACIPENSEROMORPHA	
ISOSETTA ISOLEPIS	802474		ACIPENSER STURIO	803172
CLUPEIDAE			TELEOSTEI	802408
ALOSA FALLAX	800197		ANOPLAGASTERIDAE	
ETRUMEUS TERES	800555		ANOPLAGASTER CORNUTA	801858
SARDINOPS MELANOSTICTA	800555		DIRETMIDAE	
ENGRAULIDAE			DIRETMUS ARGENTEUS	803060
ENGRAULIS ENCRASICOLUS	802011		HOLOCENTRIDAE	
	800921		FLAMMEO MARIANUS	801917
GADIDAE			HOLOCENTRUS LACTEOGUTTATUS	800336
THERAGRA CHALCOGRAMMUS	803185		MELAMPHAIDAE	
SALMONIDAE			POROMITRA CRASSICEPS	801858
SALVELINUS MALMA	800998		TRACHICHTHYIDAE	
LARVA			HOPLOSTETHUS GILCHRISTII	803060
SCOMBROIDAE			HOPLOSTETHUS MEDITERRANEUS	803

CRYPTOTOMUS ROSEUS	801917	CHILOMYCTERUS ANTILLARUM	801917	HABITATS
NICHOLSINA USTA	801917	TRIACANTHODIDAE	801918	(CONTINUED)
APOGONIDAE		OREOSOMATIDAE		
EPIGONUS TELESOPUS	803060	ALLOCTYTUS FOLLETTI	801858	
HOWELLA BRODIEI	801858	ALLOCTYTUS VERRUCOSUS	803060	
CARANGIDAE		ZEIDAE		
CARANX LUTESCENS	800332	NEOCYTUS RHOMBIODALIS	803060	
CARANX MELAMPYGUS	800336	CYPRINODONTIDAE		
CENTRARCHIDAE		FUNDULUS DIAPHANUS	800510	
LEPOMIS AURITUS	800510	CLUPEIDAE		
POMOXIS ANNULARIS	801375	CLUPEA HARENGUS	801001	
CHAETODONTIDAE			801003	
CENTROPYGE ARGENTUS	801917	DOROSOMA CEPEDIANUM	801375	
CHAETODON LUNULA	800336	SARDINOPS CAERULEA	801815	
CHAETODON MILIARIS	800336	ENGRAULIDAE		
HENIOCHUS ACUMINATUS	800336	ENGRAULIS MORDAX	801815	
PROGNATHODES ACULEATUS	801917	MURAENOSOCIDAE	800402	
CHEILODACTYLIDAE		MURAENIDAE		
CHEILODACTYLUS MACROPTERUS	800332	GYMNOTHORAX	800336	
CICHLIDAE	802778	NEMICHTHYIDAE		
EMBIOTOCIDAE		AVOCETTINA INFANS	803060	
CYMATOGASTER AGGREGATA	802604	NEMICHTHYS SCOLOPACEUS	801858	
EMMELICHTHYIDAE			803060	
EMMELICHTHYOPS ATLANTICUS	801917	SERRIVOMERIDAE		
GRAMMIDAE	801917	SERRIVOMER SECTOR	801858	
LUTJANIDAE		SYNAPHOBANCHIDAE	801352	
LUTJANUS BOHAR	803086	SYNAPHOBANCHUS KAUP	801084	
MULLIDAE		NOTACANTHIDAE		
PARUPENEUS MULTIFASCIATUS	800336	NOTACANTHUS SEXSPINIS	803060	
PARUPENEUS PORPHYREUS	800336	EURYPHARYNGIDAE		
PERCIDAE		EURYPHARYNX PELECANOIDES	801858	
ETHEOSTOMA OLMSTEDI	800510	CATOSTOMIDAE		
PERCINA PELTATA	800510	CATOSTOMUS COMMERSONI	800510	
STIZOSTEDION VITREUM	801375	HYPENTELIUM NIGRICANS	800510	
SCIAENIDAE		CYPRINIDAE	800510	
APLODINOTUS GRUNNIENS	801375	CYPRINUS CARPIO	801375	
SERRANIDAE	801917	ICTALURIDAE		
MORONE CHRYSOPS	801375	ICTALURUS MELAS	801375	
SPARIDAE		ICTALURUS PUNCTATUS	801375	
CHRYSOPHRYS AURATUS	800332	NOTURUS INSIGNIS	800510	
ISTIOPHORIDAE	802052	BATRACHOIDIFORMES		
SCOMBRIDAE	802052	THALASSOPHYRNE MACULOSA	801917	
SCOMBER JAPONICUS	801098	GADIDAE	801780	
THUNNUS	800524	MICROGADUS PROXIMUS	802604	
THUNNUS ALALUNGA	800339	MICROMESISTIUS POUTASSOU	801133	
THUNNUS ALBACARES	800885	THERAGRA CHALCOGRAMMUS	800923	
	803359	TRISOPTERUS ESMARKII	801127	
THUNNUS OBESUS	800339		801129	
THUNNUS THYNNUS	800885	MACRURIDAE	803060	
TRICHIURIDAE	800339	CORYPHAENOIDES ACROLEPIS	802604	
LEPIDODUS XANTUSI	801858	CORYPHAENOIDES PECTORALIS	802604	
XIPHIIDAE		NEMATONURUS ARMATUS	801084	
XIPHIAS GLADIUS	801707	NEZUMIA STELGIDOLEPIS	801858	
BATHYMASTERIDAE		MERLUCCIIDAE		
RONQUILUS JORDANI	802604	MERLUCCIUS CAPENSIS	801981	
URANOSCOPIIDAE		MERLUCCIUS PRODUCTUS	801780	
KATHETOSTOMA AVERRUNCUS	801858	MORIDAE		
BOTHIDAE	801995	ANTIMORA ROSTRATA	801084	
CITHARICHTHYS SORDIDUS	801780		801858	
	802604	LEPIDION GUENTHERI	802604	
CITHARICHTHYS STIGMAEUS	802604	MORA MORA	801084	
CYCLOPSETTA CHITTENDENI	802791	OPHIDIIDAE	803060	
CYNOGLOSSIDAE		OTOPHIDIUM TAYLORI	801858	
SYMPHURUS ARAWAK	801917	PARABASSOGIGAS CRASSUS	801084	
PLEURONECTIDAE	801780	ZOARCIDAE	802604	
	802604	BOTHROCARA BRUNNEUM	801858	
REINHARDTIUS HIPPOGLOSSOIDES	802613	PARABROTULA PLAGIOPHTHALMUS	802793	
SCOPHTHALMIDAE		CAULOPHYRYNIDAE		
SCOPHTHALMUS MAXIMUS	801995	CAULOPHYRYNE JORDANI	801858	
SCOPHTHALMUS RHOMBUS	801995	LOPHIIDAE		
SOLEIDAE	801995	CHIROLOPHIUS SPILURUS	801858	
AGONIDAE	802604	ONEIRODIDAE		
XENERETMUS LATIFRONS	801858	ONEIRODES ACANTHIAS	801858	
COTTIDAE	802604	BARBOURISIDAE		
COTTUS BAIRDII	800510	BARBOURISIA RUFA	803060	
COTTUNCULIDAE		CETOMIMIDAE	801858	
COTTUNCULOIDES INERMIS	803060	RONDELETIIDAE		
CYCLOPTERIDAE		RONDELETIA LORICATA	801858	
CAREPROCTUS MELANURUS	801858	ALEPOCEPHALOIDEI	801858	
	802604	ALEPOCEPHALUS CONVEXIFRONS	802604	
RHINOLIPARIS ATTENUATUS	802604	ARGENTINIDAE	802296	
ANOPLOPOMATIDAE		ARGENTINA SIALIS	801858	
ANOPLOPOMA FIMBRIA	800755	ARGENTINA SILUS	801124	
	801780	BATHYLAGIDAE		
	801815	BATHYLAGUS PACIFICUS	801858	
	802604	MYCTOPHIDAE	802060	
HEXAGRAMMIDAE			802296	
OPHIODON ELONGATUS	801780	CERATOSCOPELUS TOWNSENDI	803060	
	802604	DIAPHUS DUMERII	802816	
ZANIOLEPIDIDAE		NEOSCOPELIDAE	800961	
ZANIOLEPIS FRENATA	801858	SCOPELENGYS TRISTIS	801858	
SCORPAENIDAE	801780	PARALEPIDIDAE		
	802002	LESTIDIUM RINGENS	801858	
SEBASTES	802604	SUDIS HYALINA	800769	
SEBASTODES ALUTUS	800923	SCOPELARCHIDAE	801858	
	801805	SALMONIDAE		
TRIGLIDAE	801806	ONCORHYNCHUS GORBUSCHA	800759	
CHELIDONICHTHYS KUMU	800332	ONCORHYNCHUS KETA	800759	
LEPIDOTRIGLA BRACHYOPTERA	800332	ONCORHYNCHUS KISUTCH	802107	
PTERYGOTRIGLA PICTA	800332	ONCORHYNCHUS NERKA	800759	
BALISTIDAE		ONCORHYNCHUS TSHAWYTSCHA	802107	
MELICHTHYS VIDUA	800336	SALMO GAIRDNERII	802107	
XANTHICHTHYS RINGENS	801917	SALMO TRUTTA	800510	
DIODONTIDAE		SALVELINUS ALPINUS	802342	
		SALVELINUS NAMAYCUSH	803073	

HABITATS (CONTINUED)	ASTRONESTHIDAE	801858	CYPRINIDAE	802483
	BOROSTOMIAS PANAMENSIS		TINCA TINCA	
	CHAULIODONTIDAE	801858	LARVA	
ENVIRONMENTAL FACTORS	CHAULIODUS MACOUNI	802296	CLUPEIDAE	803374
		803060	ALOSA SAPIDISSIMA	
	GONOSTOMATIDAE	801858	GROUP EFFECT	
	DANAPHOS OCULATUS		SALMONIDAE	
	MALACOSTEIDAE		SALMO GAIRDNERII	802553
	ARISTOSTOMIAS SCINTILLANS	801858	ACCLIMATION	
	MELANOSTOMIATIDAE		CYPRINIDAE	
	BATHOPHILUS FLEMINGI	801858	CARASSIUS AURATUS	800951
	MELANOSTOMIAS TENTACULUS	803060	AVOIDANCE RESPONSES	
	TACTOSTOMA MACROPUS	802296	HEAVY METAL POLLUTANTS	
	STERNOPTYCHIDAE		SALMONIDAE	
	STERNOPTYX DIAPHANA	803060	SALMO GAIRDNERII	802229
	STOMIATIDAE		STRESS REACTIONS	
	STOMIAS ATRIVENTER	801858	INSECTICIDE POLLUTANTS	
	EGG		SALMONIDAE	
	ENGRAULIDAE		SALVELINUS FONTINALIS	802580
	ENGRAULIS ENCRASICHOLUS	800980	EXPERIMENTAL ANALYSIS	
	ENGRAULIS ENCRASICOLUS	800980	CICHLIDAE	800692
	GADIDAE		TILAPIA NILOTICA	800060
	THERAGRA CHALCOGRAMMUS	803185	OXYGEN CONSUMPTION	
	LARVA		CYPRINIDAE	
	ENGRAULIDAE		CARASSIUS AURATUS	802367
	ENGRAULIS ENCRASICHOLUS	800980		802368
	ENGRAULIS ENCRASICOLUS	800980	PROTEIN SYNTHESIS	
	ENGRAULIS MORDAX	802141	BATRACHOIDIFORMES	
	CONGRIDAE		OPSANUS TAU	802180
	CONGER MYRIASTER	802900	LDH ISOENZYMES	
	BREGMACEROTIDAE		DIPNOI	
	BREGMACEROS MACCLELLANDI	802715	LEPIDOSIREN PARADOXA	802258
	DAMS AND BARRIERS		NOTOTHEIIDAE	
	PETROMYZONTOMORPHA		TREMATOMUS BORCHGREVINKI	802258
	LAMPETRA TRIDENTATA	802967	SCOMBRIDAE	
	YOUNG		THUNNUS THYNNUS	802258
	DAMS AND BARRIERS		SALMONIDAE	
	SALMONIDAE		SALVELINUS FONTINALIS	802258
	ONCORHYNCHUS NERKA	802967	SALVELINUS NAMAYCUSH	802258
	ONCORHYNCHUS TSHAWYTSCHA	802967	STRUCTURAL COLORS	
	SALMO GAIRDNERII	802967	SALMONIDAE	
	MAXIMUM SIZE		SALMO SALAR	802549
	GADIDAE		ELECTRIC ORGANS	
	MICROMESISTIUS POUTASSOU	802024	APTERONOTIDAE	801622
	CIRCADIAN RHYTHMS		THYROID	
	LARVA		MUGILOIDEI	
	COTTIDAE		MUGIL AURATUS	801265
	COTTUS BELDINGII	802786	CYPRINIDAE	
	SEASONAL CHANGES		CYPRINUS CARPIO	801265
	GADIDAE		KIDNEY	
	MICROMESISTIUS POUTASSOU	802024	CATOSTOMIDAE	
	EXPERIMENTAL ANALYSIS		CATOSTOMUS COMMERSONI	800577
	ACANTHURIDAE		EGG	
	ACANTHURUS TRIOSTEGUS	802212	PLEURONECTIDAE	
			PAROPHRYUS VETULUS	802299
			ACCLIMATION	
			CENTRARCHIDAE	
			MICROPTERUS SALMOIDES	802840
DEEP SCATTERING LAYER			GROWTH	
MELAMPHAEIDAE	802296		ESOCIDAE	
PLEURONECTIDAE			ESOX LUCIUS	800966
ATHERESTHES STOMIAS	802296		LETHAL ENVIRONMENTAL LIMITS	
SCORPAENIDAE			ATHERINIDAE	
SEBASTODES	802296		LABIDESTHES SICCLUS	802733
SEBASTODES ALUTUS	802296		CYPRINODONTIDAE	
ARGENTINIDAE	802296		FUNDULUS DIAPHANUS	802612
MYCTOPHIDAE	802060		FUNDULUS HETEROCLITUS	802612
	802296		DESCRIPTION AND OCCURRENCE	
	CERATOSCOPELUS MADERENSIS	803262	ACIPENSEROMORPHA	802486
	DIAPHUS DUMERII	800961	GASTEROSTEIDAE	
CHAULIODONTIDAE			CULAEA INCONSTANS	801876
CHAULIODUS MACOUNI	802296		PUNGITIUS PUNGITIUS	801876
MELANOSTOMIATIDAE			CARANGIDAE	
TACTOSTOMA MACROPUS	802296		DECAPTERUS MARUADSI	802819
			CENTRARCHIDAE	802748
			LUTJANIDAE	
			LUTJANUS ERYTHROPTERUS	802819
			MULLIDAE	
LIVING SPACE			UPENEUS MOLUCCENSIS	802819
EXPERIMENTAL ANALYSIS			UPENEUS SULPHUREUS	802819
CATOSTOMIDAE			NEMIPTERIDAE	802819
ERIMYZON TENUIS	802638		PERCIDAE	
EFFECT ON FISH			PERCA FLUVIATILIS	803202
EGG			STIZOSTEDION LUCIOPERCA	802811
	SALMONIDAE			803074
	SALMO TRUTTA	801955	POMADASYIDAE	
			POMADASYUS HASTA	802819
			PRIACANTHIDAE	
			PRIACANTHUS MACRACANTHUS	802819
			PRIACANTHUS TAYENUS	802819
TEMPERATURE			SERRANIDAE	
INHERITANCE			MORONE LABRAX	801570
EFFECT ON FISH			SPARIDAE	
CICHLIDAE			ARGYROPS SPINIFER	802819
TILAPIA NILOTICA X			SCOMBRIDAE	
TILAPIA MOSSAMBICA X	800050		AUXIS THAZARD	802819
LETHAL ENVIRONMENTAL LIMITS			EUTHYNNUS AFFINIS	800336
CARANGIDAE			EUTHYNNUS PELAMIS	800336
TRACHINOTUS CAROLINUS	803178			803388
CYPRINIDAE			THUNNUS	800507
CARASSIUS AURATUS	800951		THUNNUS ALALUNGA	800339
ICTALURIDAE				801610
ICTALURUS CATUS	802982			802963
GENERAL EMBRYOLOGY			THUNNUS ALBACARES	800339
GADIDAE			THUNNUS OBESUS	800339
MELANOGRAMMUS AEGLEFINUS	802922		THUNNUS THYNNUS	800339
EGG				

	801610	CYPRINIDAE		ENVIRONMENTAL FACTORS
	801799	CIRRHINA REBA	802157	(CONTINUED)
COTTIDAE		GUT MUSCLES		
COTTUS GOBIO	801756	CYPRINIDAE		
CYPRINODONTIDAE	802504	TINCA TINCA	801166	
POECILIIDAE		LETHAL ENVIRONMENTAL LIMITS		
POECILIA RETICULATA	803305	COTTIDAE		
CLUPEIDAE		MYOXOCEPHALUS QUADRICORNIS	803078	
ALOSA SAPIDISSIMA	803373	YOUNG		
SARDINELLA JUSSIEU	802819	CLUPEIDAE		
SARDINOPS CAERULEA	802966	BREVOORTIA TYRANNUS	802765	
ENGRAULIDAE		SWIMMING		
ENGRAULIS ENCRASICOLUS	803040	CENTRARCHIDAE		
CONGRIDAE		MICROPTERUS DOLOMIEUI	802752	
GNATHOPHIS CAPENSIS	801282	BIOCHEMISTRY		
CYPRINIDAE	801756	ANGUILLIDAE		
ABRAMIS BRAMA	801893	ANGUILLA ANGUILLA	802687	
BARBUS BARBUS	801756	CYPRINIDAE		
CHONDROSTOMA NASUS	801756	LEUCISCUS IDUS	802687	
	802947	EFFECT ON FISH	801032	
CYPRINUS CARPIO	801534	TELEOSTEI	801501	
	801538	MASTACEMBELIDAE		
IDUS IDUS	803202	MACROGNATHUS ACULEATUM	800554	
LEUCISCUS CEPHALUS	802947	CENTRARCHIDAE	800643	
LEUCISCUS LEUCISCUS	803202	LEPOMIS MACROCHIRUS	800138	
PHOXINUS PHOXINUS	801756	LEPOMIS GIBBOSUS	800138	
PIMEPHALES PROMELAS	802702	CICHLIDAE	800057	
TINCA TINCA	802483	TILAPIA ZILLII	800055	
BAGRIDAE		TILAPIA MOSSAMBICA	800055	
MYSTUS TENGARA	802957		800297	
GADIDAE		TILAPIA NILOTICA	800055	
LOTA LOTA	802495	TILAPIA MACROCHIR	800055	
THERAGRA CHALCOGRAMMUS	803185	TILAPIA MELANOPEURA	800055	
TRISOPTERUS LUSCUS	803040	CYPRINODONTIDAE		
MERLUCCIIDAE		FUNDULUS HETEROCLITUS	801075	
MERLUCCIIUS PRODUCTUS	803494	CYPRINIDAE		
PARALEPIDIDAE		CARASSIUS AURATUS	800296	
PARALEPIS RISSOI	803040	CYPRINUS CARPIO	800056	
SYNODONTIDAE		SALMONIDAE		
SAURIDA TUMBIL	802819	SALVELINUS FONTINALIS	800186	
SALMONIDAE		THYMALLUS ARCTICUS	800768	
SALMO GAIRDNERII	800344	MERISTICS		
	802697	CYPRINIDAE		
	802748	CYPRINUS CARPIO	802479	
SALMO TRUTTA	801756	OSMERIDAE		
	802947	MALLOTUS VILLOSUS	801120	
SEX INHERITANCE			801122	
CRITICAL PERIOD		OXYGEN CONSUMPTION		
CYPRINODONTIDAE		HIODONTIDAE		
RIVULUS MARMORATUS	802273	HIODON ALOSOIDES	802600	
LAKES	802550	OXIDATIVE METABOLISM		
LETHAL ENVIRONMENTAL LIMITS		ICTALURIDAE		
Gobiidae		ICTALURUS NEBULOSUS	801506	
PERIOPHTHALMUS SOBRINUS	802217	SEASONAL CHANGES		
FEEDING		SPARIDAE		
LUTJANIDAE		LAGODON RHOMBOIDES	801765	
LUTJANUS BOHAR	803086	GLUCOSE CONTENT		
MIGRATIONS		BATRACHOIDIFORMES		
SALMONIDAE		OPSANUS TAU	802979	
SALMO SALAR	801480	ENZYMOLGY		
REPRODUCTION		RAJIDAE		
MYCTOPHIDAE	802060	RAJA CLAVATA	801086	
FISHERY STATISTICS		SCYLIORHINIDAE		
SCOMBRIDAE		SCYLIORHINUS CANICULUS	801086	
THUNNUS ALALUNGA	801849	SPARIDAE		
ARTIFICIAL BREEDING ENVIRONMENTS		PAGELLUS CENTRODONTUS	801086	
ARTIFICIAL REARING ENVIRONMENTS		SCOPHTHALMIDAE		
CYPRINIDAE		SCOPHTHALMUS MAXIMUS	801086	
ABRAMIS BRAMA	803497	CYPRINIDAE		
EFFECT ON FISH		CARASSIUS AURATUS	801301	
GASTEROSTEIDAE		BATRACHOIDIFORMES		
PUNGITIUS PUNGITIUS	802114	OPSANUS TAU	800927	
CLUPEIDAE		INTERMEDIARY METABOLISM		
CLUPEA HARENGUS	801004	DIPNOI		
MEGALOPIDAE		LEPIDOSIREN PARADOXA	800561	
MEGALOPS ATLANTICA	800417	NOTOTHENIIDAE		
GENERAL EMBRYOLOGY		TREMATOMUS BERNACCHII	801748	
GALAXIIDAE		SYNBRANCHIDAE		
GALAXIAS MACULATUS	801963	SYNBRANCHUS MARMORATUS	800561	
MIGRATIONS		ELECTROPHORIDAE		
GADIDAE		ELECTROPHORUS ELECTRICUS	800561	
GADUS MACROCEPHALUS	801100	SALMONIDAE		
THERAGRA CHALCOGRAMMUS	801100	SALMO GAIRDNERII	801748	
SPAWNING		OXIDATIVE METABOLISM		
CLUPEIDAE		CYPRINIDAE		
CLUPEA HARENGUS	801481	CARASSIUS AURATUS	802472	
ADAPTATION		SALMONIDAE		
CICHLIDAE	802754	SALMO GAIRDNERII	802472	
ACCLIMATION		NITROGEN METABOLISM		
NOTOTHENIIDAE		CYPRINIDAE		
TREMATOMUS BERNACCHII	800576	CARASSIUS AURATUS	801510	
ACCLIMATION		ICTALURIDAE		
TELEOSTEI	801362	ICTALURUS PUNCTATUS	801510	
CENTRARCHIDAE		SALMONIDAE		
LEPOMIS MACROCHIRUS	800382	SALMO GAIRDNERII	801510	
CICHLIDAE		ION AND WATER RELATIONSHIPS		
TILAPIA SPARRMANI	800692	CYPRINIDAE		
TILAPIA MOSSAMBICA	800692	CYPRINUS CARPIO	803108	
CYPRINIDAE		SALMONIDAE		
CARASSIUS AURATUS	800296	ONCORHYNCHUS KISUTCH	803143	
CYPRINUS CARPIO	800908	SALMO GAIRDNERII	800298	
SALMONIDAE		LARVA		
SALMO GAIRDNERII	800570	PETROMYZONTOMORPHA		
OXYGEN CONSUMPTION		LAMPETRA PLANERI	803094	
CICHLIDAE		PERMEABILITY		
ETROPLUS MACULATUS	802157	SKIN		
		CYPRINIDAE		

SKIN	CYPRINUS CARPIO	803478	ARGENTINA SILUS	801124
	LEUCASPIUS DELINEATUS	803478	ORIENTATION TO FLOATING OBJECTS	
	PERMEABILITY		CICHLIDAE	
	COBITIDAE		TILAPIA NIOLOTICA	800269
	MISGURNUS FOSSILIS	803477	FEEDING	
	CYPRINIDAE		CENTRARCHIDAE	
	CYPRINUS CARPIO	803477	AMBLOPLITES RUPESTRIS	802425
	SILURIDAE		LEPOMIS GIBBOSUS	802425
	SILURUS GLANIS	803477	PLEURONECTIDAE	
	ESOCIDAE		LIOPSETTA OBSCURA	802893
	ESOX LUCIUS	803477	COTTIDAE	
SCALES	SALMONIDAE		GYMNOCANTHUS HERZENSTEINI	802893
	COREGONUS CLUPEAFORMIS	802564	CYPRINODONTIDAE	
	COREGONUS HOVI	802564	FUNDULUS DIAPHANUS	802425
	COREGONUS HOVI X		ICTALURIDAE	
AXIAL SKELETAL MUSCLES	COREGONUS CLUPEAFORMIS X	802564	ICTALURUS NEBULOSUS	802425
	COREGONUS KIYI	802564	UMBRIDAE	
	SCORPAENIDAE		UMBRA LIMI	802425
	SEBASTES MARINUS	800252	LARVA	
BRAIN	SEBASTES MENTELLA	800252	CYPRINIDAE	
	LIPID AND FATTY ACID CONTENT		ABRAMIS BRAMA	803497
	CYPRINIDAE		AVOIDANCE RESPONSES	
	CARASSIUS AURATUS	803134	SYNGNATHIDAE	
LATERAL LINE PORES AND CANALS	SALMONIDAE		HIPPOCAMPUS ERECTUS	802995
	SALVELINUS FONTINALIS	802605	SYNGNATHUS FUSCUS	802995
VISUAL SENSITIVITY AND ACUITY	CYPRINIDAE		SOUND PRODUCTION	
	CARASSIUS AURATUS	801384	ARIIDAE	
HEART	MYXINOMORPHA		GALEICHTHYS FELIS	803295
	MYXINE GLUTINOSA	803026	BATRACHOIDIFORMES	
	SEMIONOTOMORPHA		OPSANUS BETA	803295
	LEPISOSTEUS OSSEUS	803026	REPRODUCTION	
HEXAGRAMMIDAE	OPHIODON ELONGATUS	803004	PERCIDAE	
	TRIGLIDAE		ETHEOSTOMA SPECTABILE	801280
	PRIONOTUS CAROLINUS	802185	CLUPEIDAE	
	SALMONIDAE		SARDINOPS CAERULEA	802823
IMMUNOLOGICAL REACTIONS	SALVELINUS FONTINALIS	803026	SALMONIDAE	
	CICHLIDAE		ONCORHYNCHUS TSHAWYTSCHA	800081
	PTEROPHYLLUM SCALARE	802528	SALMO GAIRDNERII	800081
	GASTRIC DIGESTION	802241	EGG LAYING	
OVARIAN CYCLES	ELASMOBRANCHII	802241	CYPRINIDAE	
	TELEOSTEI		RUTILUS RUTILUS	802030
	TESTICULAR CYCLES		FERTILIZATION	
	EMBIOTOCIDAE		CYPRINIDAE	
SPERMATOGENESIS	CYMATOGASTER AGGREGATA	801258	CIRRHINA REBA	803490
	POECILIIDAE		AVOIDANCE CONDITIONING	
	POECILIA RETICULATA	803051	CONDITIONED AUTONOMIC RESPONSES	
	GENERAL EMBRYOLOGY		CYPRINIDAE	
LABRIDAE	SYMPHODUS CINEREUS	801639	CARASSIUS AURATUS	803447
	PLEURONECTIDAE		INSTRUMENTAL CONDITIONING	
	HIPPOGLOSSOIDES ELASSODON	801751	CYPRINIDAE	
	CYPRINIDAE		CARASSIUS AURATUS	803448
GALAXIIDAE	VIMBA VIMBA	802804	BIOCHEMISTRY	
	GALAXIAS MACULATUS	801959	DIPNOI	
	SALMONIDAE		LEPIDOSIREN PARADOXA	801620
	SALMO TRUTTA	802169	DESCRIPTIVE EVOLUTION	
LETHAL ENVIRONMENTAL LIMITS	CYPRINIDAE		TELEOSTEI	801646
	BRACHYDANIO RERIO	802943	DESCRIPTION AND OCCURRENCE	
	ION AND WATER RELATIONSHIPS		TELEOSTEI	802131
	SALMONIDAE		ACCLIMATION	
SPERM	SALMO GAIRDNERII	801964	SWIMMING ENDURANCE	
	ARTIFICIAL FERTILIZATION		CYPRINIDAE	
	SALMONIDAE		CARASSIUS AURATUS	801589
	ONCORHYNCHUS NERKA	802606	CARASSIUS CARASSIUS	801589
LARVA	ONCORHYNCHUS GORBUSCHA	802606	ADAPTATION	802658
	SOLEIDAE		ACCLIMATION	
	SOLEA SOLEA	801062	CYPRINIDAE	
	DEVELOPMENT		CARASSIUS AURATUS	800380
SPERM	CENTRARCHIDAE		ICTALURIDAE	
	POMOXIS ANNULARIS	802724	ICTALURUS NATALIS	800380
	SALMONIDAE		ATP ASE	
	SALMO SALAR	801665	ACCLIMATION	
LARVA	OSMERIDAE	802430	CYPRINIDAE	
	MALLOTUS VILLOSUS	801119	CARASSIUS AURATUS	800287
	YOUNG		COBALT	
	SALMONIDAE		LETHAL ENVIRONMENTAL LIMITS	
RATE OF GROWTH	SALMO TRUTTA	803180	SALMONIDAE	
DISTRIBUTION	SALMONIDAE		SALMO GAIRDNERII	802829
	SCOMBRIDAE		EFFECT ON FISH	
	THUNNUS	801880	TELEOSTEI	800139
	CLUPEIDAE		TETANUS TOXIN	
GADIDAE	CLUPEA HARENGUS	801829	EFFECT ON FISH	
	GADUS MORHUA	801829	LETHAL ENVIRONMENTAL LIMITS	
	ARGENTINIDAE		CYPRINIDAE	
			CARASSIUS AURATUS	801406
YOUNG			PROTEIN SYNTHESIS	
			EYE	
			CARCHARHINIDAE	
			MUSTELUS CANIS	802187
YOUNG			EXPERIMENTAL ANALYSIS	
			STRUCTURAL COLORS	
			SALMONIDAE	
			SALMO SALAR	802549
YOUNG			RETINA	
			CENTRARCHIDAE	
			LEPOMIS MACROCHIRUS	802382
			ACTIVITY PATTERNS	
YOUNG			SALMONIDAE	
			SALMO TRUTTA	802428
			REPRODUCTIVE SEASON	
			CYPRINODONTIDAE	



TELEOSTEI		803390	CYPRINIDAE		
DESCRIPTION AND OCCURRENCE			CARASSIUS AURATUS	801413	ENVIRONMENTAL FACTORS
ECLIPSE			MATING		(CONTINUED)
EFFECT ON FISH			POECILIIDAE		
CLUPEIDAE			POECILIA SPHENOPS	801168	
CLUPEA HARENGUS	801823		XIPHOPHORUS HELLERII	801168	
EFFECT ON FISH					
PERCIDAE					
PERCA FLUVIATILIS	801211				
CYPRINIDAE					
CYPRINUS CARPIO	801211		RADIOACTIVITY		
ESOMUS DANDRICUS	800286		EFFECT ON FISH		
LEUCISCUS RUTILUS	801211		CYPRIODONTIDAE		
BAGRIDAE			FUNDULUS HETEROCLITUS	800256	
MYSTUS VITTATUS	800286		POECILIIDAE		
	800667		POECILIA RETICULATA	800633	
MYCTOPHIDAE			HEMOPHOIESIS		
DIAPHUS DUMERII	800961		CYPRINIDAE		
COLORATION			CARASSIUS AURATUS	801608	
ANABANTIDAE			INTESTINE		
ANABAS OLIGOLEPIS	800614		ORYZIATIDAE		
ANABAS TESTUDINEUS	800614		ORYZIAS LATIPES	801519	
SCALES			CYPRINIDAE		
SALMONIDAE			CARASSIUS CARASSIUS	801519	
COREGONUS CLUPEAFORMIS	802564		TESTIS		
COREGONUS HOVI	802564		HETEROPNEUSTIDAE		
COREGONUS HOVI X			HETEROPNEUSTES FOSSILIS	803481	
COREGONUS CLUPEAFORMIS X	802564		GENERAL EMBRYOLOGY		
COREGONUS KIWI	802564		COBITIDAE		
MESENCEPHALON			MISGURNUS FOSSILIS	803164	
POECILIIDAE			SALMONIDAE		
POECILIA RETICULATA	801993		SALMO GAIRDNERII	803272	
CYPRINIDAE			EGG		
CARASSIUS CARASSIUS	801993		COBITIDAE		
IRIS AND PUPIL			MISGURNUS FOSSILIS	800910	
ANGUILLIDAE			EMBRYO PHYSIOLOGY		
ANGUILLA ROSTRATA	801348		ORYZIATIDAE		
LENS			ORYZIAS LATIPES	800289	
SALMONIDAE			DEVELOPMENT		
SALVELINUS NAMAYCUSH	802855		SALMONIDAE		
RETINA			COREGONUS PELED	802164	
TELEOSTEI	801349		STRONTIUM		
PERCIDAE			EFFECT ON FISH		
PERCA FLUVIATILIS	803284		CYPRINIDAE		
IRIS AND PUPIL			CARASSIUS AURATUS	802405	
CARCHARHINIDAE					
NEGAPRION BREVIROSTRIS	801349				
ORECTOLOBIDAE					
GINGLYMOSTOMA CIRRHATUM	801349				
NEUROSECRETION IN BRAIN			WATER MOVEMENT		
RATE OF GROWTH			EXPERIMENTAL ANALYSIS		
REPRODUCTION			SUBSTRATUM		
PLECOGLOSSIDAE			SALMONIDAE	802962	
PLECOGLOSSUS ALTIVELIS	802956		DESCRIPTION AND OCCURRENCE		
OVARIAN CYCLES			ACIPENSEROMORPHA	802486	
TESTICULAR CYCLES			SCOMBRIDAE		
EMBIOTOCIDAE			THUNNUS ALALUNGA	802963	
CYMATOGASTER AGGREGATA	801258		SALMONIDAE		
EGG			ONCORHYNCHUS KISUTCH	800768	
LABRIDAE			SALMO GAIRDNERII	802697	
CORIS JULIS	801997		EFFECT ON FISH		
CARANGIDAE			PERCIDAE		
TRACHURUS	801997		PERCA FLAVESCENS	802065	
MULLIDAE			STIZOSTEDION VITREUM	802065	
MULLUS	801997		GAS BLADDER		
SPARIDAE			CYPRINIDAE		
DIPLODUS ANNULARIS	801997		RHINICHTHYS CATARACTAE	802412	
CLUPEIDAE			EGG		
SARDINA PILCHARDUS	801997		LARVA		
SALMONIDAE			SCOMBRIDAE		
ONCORHYNCHUS TSHAWYTSCHA	800892		SCOMBER SCOMBRUS	802688	
SWIMMING SPEED			CLUPEIDAE		
ACIPENSEROMORPHA			SPRATTUS SPRATTUS	802688	
ACIPENSER GUELLENSTAEDTI	803332		LARVA		
ACIPENSER STELLATUS	803332		COTTIDAE		
CYPRINIDAE	803332		COTTUS BELDINGII	802786	
FEEDING			TEMPERATURE		
PLEURONECTIDAE			CENTRARCHIDAE		
PLEURONECTES PLATESSA	801532		MICROPTERUS DOLOMIEUI	802752	
MIGRATIONS			SWIMMING SPEED		
CLUPEIDAE			ACIPENSEROMORPHA		
CLUPEA HARENGUS	801438		ACIPENSER GUELLENSTAEDTI	803332	
REPRODUCTION			ACIPENSER STELLATUS	803332	
GASTEROSTEIDAE			CYPRINIDAE	803332	
GASTEROSTEUS ACULEATUS	803460		MIGRATIONS		
PLECOGLOSSIDAE			SALMONIDAE		
PLECOGLOSSUS ALTIVELIS	802077		ONCORHYNCHUS	802961	
			YOUNG		
			SALMONIDAE		
			ONCORHYNCHUS TSHAWYTSCHA	802767	
			DESCRIPTION AND OCCURRENCE		
			TELEOSTEI	802131	
DARKNESS					
EXPERIMENTAL ANALYSIS			TIDES		
NAIVE RESPONSES TO STIMULI			DESCRIPTION AND OCCURRENCE		
AMBYLOPSIDAE			ARIIDAE		
CHOLOGASTER AGASSIZI	802776		GALEICHTHYS FELIS	803295	
EFFECT ON FISH			BATRACHOIDIFORMES		
POECILIIDAE			OPSANUS BETA	803295	
POECILIA SPHENOPS	801154		EFFECT ON FISH		
CYPRINIDAE			LARVA		
CARASSIUS AURATUS	800464		CLUPEIDAE		
BAGRIDAE			CLUPEA HARENGUS	802423	
MYSTUS VITTATUS	800667		LETHAL ENVIRONMENTAL LIMITS		
COLOR CHANGE					
LEBIASINIDAE					
NANNOSTOMUS BECKFORDI	801169				
VISUAL SENSITIVITY AND ACUITY					

ENVIRONMENTAL FACTORS  
(CONTINUED)

CYPRINODONTIDAE			STIZOSTEDION LUCIOPERCA	803173
FUNDULUS SIMILIS	802508		ACCLIMATION	
REPRODUCTION			GASTEROSTEIDAE	
GALAXIIDAE			GASTEROSTEUS ACULEATUS	801007
GALAXIAS MACULATUS	801963		PLEURONECTIDAE	
			LIMANDA LIMANDA	800352
			PLATICHTHYS FLESUS	800352
			PLEURONECTES PLATESSA	800352
			POECILIIDAE	
			POECILIA RETICULATA	801397
			ANGUILLIDAE	
			ANGUILLA JAPONICA	801460
			GADIDAE	
			GADUS MORHUA	800352
			BLOOD AND LYMPH	
			PLEURONECTIDAE	
			LIMANDA LIMANDA	800352
			PLATICHTHYS FLESUS	800352
			PLEURONECTES PLATESSA	800352
			GADIDAE	
			GADUS MORHUA	800352
			URINE	
			PLEURONECTIDAE	
			LIMANDA LIMANDA	800352
			PLATICHTHYS FLESUS	800352
			PLEURONECTES PLATESSA	800352
			GADIDAE	
			GADUS MORHUA	800352
			OVARY	
			PLEURONECTIDAE	
			LIMANDA LIMANDA	800352
			PLATICHTHYS FLESUS	800352
			PLEURONECTES PLATESSA	800352
			GADIDAE	
			GADUS MORHUA	800352
			CHANGE WITH AGE	
			SALMONIDAE	
			SALMO SALAR	803459
			INFRA SPECIFIC VARIATION	
			GEOGRAPHIC VARIATION	
			CYPRINODONTIDAE	
			CYPRINODON VARIEGATUS	802477
			LETHAL ENVIRONMENTAL LIMITS	
			CARANGIDAE	
			TRACHINOTUS CAROLINUS	803178
			EFFECT ON FISH	
			CARANGIDAE	
			CARANX HIPPOS	802998
			CICHLIDAE	
			TILAPIA SPARRMANII	801594
			TILAPIA MOSSAMBICA	801594
			ANGUILLIDAE	
			ANGUILLA JAPONICA	801359
			SALMONIDAE	
			ONCORHYNCHUS NERKA	800603
			ONCORHYNCHUS KETA	800603
			ONCORHYNCHUS KISUTCH	800603
			ONCORHYNCHUS GORBUSCHA	800603
			ONCORHYNCHUS TSHAWYTSCHA	800258
				800603
				800948
				801594
			SALMO GAIRDNERII	
			ATP ASE CONTENT AND FUNCTION	
			GILLS	
			ANGUILLIDAE	
			ANGUILLA JAPONICA	803136
			LIPID METABOLISM	
			ERYTHROCYTES	
			ACIPENSEROMORPHA	
			ACIPENSER GULDENSTAEDTI	803059
			ACIPENSER STELLATUS	803059
			ION AND WATER RELATIONSHIPS	
			CARCHARINIDAE	
			NEGAPRION BREVIROSTRIS	801788
			LARVA	
			PETROMYZONTOMORPHA	
			LAMPETRA PLANERI	803094
			JUVENILE	
			SALMONIDAE	
			ONCORHYNCHUS KISUTCH	803143
			ADENOHYPOPHYSIS	
			MUGILOIDEI	
			MUGIL AURATUS	801487
			CHLORIDE CELLS	
			CYPRINODONTIDAE	
			FUNDULUS HETEROCLITUS	802262
			HEART	
			MYXINOMORPHA	
			MYXINE GLUTINOSA	803026
			HEMOGLOBIN	
			SALMONIDAE	
			ONCORHYNCHUS KETA	802029
			LIVER	
			SCYLIORHINIDAE	
			SCYLIORHINUS CANICULUS	801288
			KIDNEY	
			GASTEROSTEIDAE	
			GASTEROSTEUS ACULEATUS	800989
			GENERAL EMBRYOLOGY	
			PLEURONECTIDAE	
			HIPPOGLOSSOIDES ELASSODON	801751
			EGG	
			MINERAL CONTENT	
			SCOMBRIDAE	
			SCOMBER SCOMBRUS	801945
			PLEURONECTIDAE	
			LIMANDA LIMANDA	801945

PLATICHTHYS FLESUS	801945	RASBORA CEPHALOTAENIA	803377	ENVIRONMENTAL FACTORS (CONTINUED)
PLEURONECTES PLATESSA	801945	RASBORA EINTHOVENII	803377	
COTTIDAE		SALMONIDAE		
COTTUS BUBALIS	801945	SALMO CLARKII	802282	
CLUPEIDAE		SALMO GAIRDNERII	802282	
CLUPEA HARENGUS	801945	EFFECT ON FISH		
SPRATTUS SPRATTUS	801945	SALMONIDAE		
GADIDAE		SALMO TRUTTA	801794	
GADUS MORHUA	801945	EFFECT ON FISH		
ONOS CIMBRIUS	801945	CYPRINIDAE		
EGG SIZE		CARASSIUS AURATUS	801142	
SCOMBRIDAE		OXIDATIVE METABOLISM		
SCOMBER SCOMBRUS	801945	DIPNOI		
PLEURONECTIDAE		LEPIDOSIREN PARADOXA	801621	
PLATICHTHYS FLESUS	801945	ELECTROPHORIDAE		
PLEURONECTES PLATESSA	801945	ELECTROPHORUS ELECTRICUS	801621	
CLUPEIDAE		RATE OF GROWTH		
SPRATTUS SPRATTUS	801945	CYPRINIDAE		
GADIDAE		ABRAMIS BRAMA	801925	
GADUS MORHUA	801945	INSECTICIDE POLLUTANTS		
ONOS CIMBRIUS	801945	CYPRINIDAE		
SPERM		PIMEPHALES PROMELAS	802064	
GADIDAE				
MICROGADUS TOMCOD	800277			
FRY				
SALMONIDAE				
ONCORHYNCHUS GORBUSCHA	800603	WATER HARDNESS		
ONCORHYNCHUS KETA	800603	EFFECT ON FISH		
ONCORHYNCHUS KISUTCH	800603	CYPRINIDAE		
ONCORHYNCHUS NERKA	800603	CARASSIUS AURATUS	800915	
ONCORHYNCHUS TSHAWYTSCHA	800603			
YOUNG				
SALMONIDAE				
ONCORHYNCHUS GORBUSCHA	800281			
ONCORHYNCHUS KETA	800281	INORGANICS IN WATER		
ONCORHYNCHUS KISUTCH	800281	CYPRINODONTIDAE		
ONCORHYNCHUS NERKA	800281	CYPRINODON ATRORUS	801477	
ONCORHYNCHUS TSHAWYTSCHA	800281	CYPRINODON BIFASCIATUS	801477	
JUVENILE		DESCRIPTION AND OCCURRENCE		
SALMONIDAE		CYPRINODONTIDAE		
ONCORHYNCHUS GORBUSCHA	800603	NOTHOBRANCHIUS ORTHONOTUS	801217	
ONCORHYNCHUS KETA	800603	CHARACIDAE		
ONCORHYNCHUS KISUTCH	800603	BRYCONOPS INPAI	803311	
ONCORHYNCHUS NERKA	800603	CYPRINIDAE	801535	
ONCORHYNCHUS TSHAWYTSCHA	800603		802660	
RATE OF GROWTH			801534	
SALMONIDAE		CYPRINUS CARPIO	801536	
ONCORHYNCHUS KETA	802919		801537	
LETHAL ENVIRONMENTAL LIMITS			801539	
TEMPERATURE			803476	
CYPRINODONTIDAE		PIMEPHALES PROMELAS	802702	
FUNDULUS DIAPHANUS	802612	ESOCIDAE		
FUNDULUS HETEROCLITUS	802612	ESOX LUCIUS	803476	
CIRCADIAN RHYTHMS		SALMONIDAE		
TIDES		SALMO CLARKII	802282	
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ENVIRONMENTAL FACTORS  
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		CYPRINUS CARPIO	800737
		TREATMENT FOR DISEASE	
		TELEOSTEI	802090
			802091
		CYPRINIDAE	
		CYPRINUS CARPIO	802093
		PARASITE LIFE HISTORY	
		RAJIDAE	
		RAJA UNDULATA	801528
		TELEOSTEI	802358
		GADIDAE	
		GADUS MERLANGUS	801456
		INTENSITY OF INFECTION	
		CENTRARCHIDAE	
		LEPOMIS MACROCHIRUS	802931
		HOST PARASITE INTERACTIONS	
		TORPEDINIDAE	
		TORPEDO NOBILIANA	803355
		KYPHOSIDAE	
		CANTHARUS GRISEUS	803355
		PERCIDAE	
		ACERINA CERNUA	803355
		SERRANIDAE	
		DICENTRARCHUS LABRAX	803355
		SOLEIDAE	
		SOLEA SOLEA	803355
		CYPRINIDAE	
		ABRAMIS BRAMA	803355
		RUTILUS RUTILUS	803355
		ESOCIDAE	
		ESOX LUCIUS	803355
		HOST PARASITE INTERACTIONS	
		TELEOSTEI	802092
		PLEURONECTIDAE	
		PLEURONECTES PLATESSA	801432
		CYPRINIDAE	
		CYPRINUS CARPIO	800737
		ICTALURIDAE	
		ICTALURUS MELAS	800585
		PARASITE SYSTEMATICS	
		SPHYRNIDAE	
		SPHYRNA ZYGAENA	803137
		HOLOCENTRIDAE	
		HOLOCENTRUS RUBER	800323
		GASTEROSTEIDAE	
		CULAEA INCONSTANS	800584
		ACANTHURIDAE	800323
			801011
		SCARIDAE	
PLATYHELMINTHES			
INCIDENCE OF INFECTION			
INTENSITY OF INFECTION			
CHIMAEROMORPHA			
CHIMAERA MONSTROSA	801210		
PARASITE LIFE HISTORY			
CHIMAEROMORPHA			
CHIMAERA MONSTROSA	801210		
AS FOOD FOR FISH			
GASTEROSTEIDAE			
GASTEROSTEUS ACULEATUS	800274		
TREMATODA			
CHECK LIST			
PETROMYZONTOMORPHA	801696		
INCIDENCE OF INFECTION			
GOBIIDAE			
GLOSSOGOBIOUS GIURUS	801946		
PERCIDAE			
PERCA FLUVIATILIS	801950		
PLEURONECTIDAE			
PLEURONECTES PLATESSA	801950		
CYPRINIDAE			
ASPIDOPARIA MORAR	800492		
BARILIUS OVAZARDI	800492		
GALAXIIDAE			
GALAXIAS MACULATUS	803235		
SALMONIDAE			
SALMO SALAR	801950		
INTENSITY OF INFECTION			
CYPRINIDAE			
CTENOPHARYNGODON IDELLA	801212		
HOST PARASITE INTERACTIONS			
CYPRINIDAE			
CTENOPHARYNGODON IDELLA	801212		
PARASITE LIFE HISTORY			
PLEURONECTIDAE			
PLEURONECTES PLATESSA	801950		
COTTIDAE			
COTTUS BUBALIS	801950		
CYPRINIDAE			
CYPRINUS CARPIO	802093		
HOST PARASITE INTERACTIONS			
PLEURONECTIDAE			
PLEURONECTES PLATESSA	801950		
CYPRINIDAE			
CTENOPHARYNGODON IDELLA	802089		
	802094		
CYPRINUS CARPIO	802089		
HYPOPHthalmichthys MOLITRIX	802094		
EXPERIMENTAL ANALYSIS			
INTENSITY OF INFECTION			
CENTRARCHIDAE			
LEPOMIS MACROCHIRUS	802100		
PARASITE SYSTEMATICS			
INTENSITY OF INFECTION			
MACROURIDAE			
CHALINURUS FILIFERA	800590		
CHALINURUS SERRULA	800590		
HEMIMACRURUS ACROLEPIS	800590		
NEMATONURUS LONGIFILIS	800590		
MORIDAE			
ANTIMORA ROSTRATA	800590		
AS PARASITE			
CYPRINODONTIDAE			
CYPRINODON VARIEGATUS	800278		
FUNDULAS SCIADICUS	800280		
FUNDULUS HETEROCLITUS	800278		
POECILIIDAE			
POECILIA RETICULATA	800278		
CATOSTOMIDAE			
CATOSTOMUS INSIGNIS	800276		
CATOSTOMUS CLARKII	800276		
ICTIOBUS NIGER	800276		
ICTIOBUS CYPRINELLUS	800276		
ICTIOBUS BUBALUS	800276		
PARASITE LIFE HISTORY			
POECILIIDAE			
POECILIA RETICULATA	800205		
COBITIDAE	800205		
CYPRINIDAE			
GOBIO GOBIO	800205		

SCARUS FASCIATUS	800323	CHIMAERA MONSTROSA	802717
MUGILOIDEI		PARASITE LIFE HISTORY	
MUGIL MACROLEPIS	802938	CHIMAEROMORPHA	
NOTOTHENIIDAE	801531	CHIMAERA MONSTROSA	802717
CARANGIDAE		HOST PARASITE INTERACTIONS	
MINOUS MONODACTYLUS	802540	PARASITE LIFE HISTORY	
TRACHINOTUS PALOMETA	803137	CHIMAEROMORPHA	
CENTRARCHIDAE		HYDROLAGUS AFFINIS	802576
ENNEACANTHUS GLORIOSUS	800589	AS PARASITE	
LEPOMIS MACROCHIRUS	803016	CYPRINIDAE	
CICHLIDAE	801207	CYPRINUS CARPIO	800305
HEMICHROMIS BIMACULATUS	800656	INCIDENCE OF INFECTION	
HEMICHROMIS FASCIATUS	800656	GOBIIDAE	
FORMIONIDAE		GILICHTHYS MIRABILIS	800156
PARASTROMATEUS	802938	INTENSITY OF INFECTION	
LETHRINIDAE		GOBIIDAE	
LETHRINUS CHRYSOSTOMUS	800323	GILICHTHYS MIRABILIS	800156
LUTJANIDAE	800323	PARASITE SYSTEMATICS	
LUTJANUS COLORADO	801054	CYPRINIDAE	
POMADASYIDAE		NOTEMIGONUS CRYSOLEUCAS	800345
PLECTORHYNCHUS PICTUS	800323	TREATMENT OF DISEASE	
PRIACANTHIDAE		CYPRINIDAE	
PRIACANTHUS	801808	CYPRINUS CARPIO	802099
SCIAENIDAE			
JOHNIUS UMBRA	802027		
PSEUDOSCIAENA DIACANTHUS	802938		
	802939		
SCIAENA CIRROSA	802027	DIGenea	
SCIAENA CANARIENSIS	802027	SALINITY	
SERRANIDAE	800323	SYNODONTIDAE	
EPINEPHELUS GUAZA	802027	SYNODUS FOETENS	800582
MORONE LABRAX	802027	SEASONAL ABUNDANCE	
POLYNEMOIDEI		SYNODONTIDAE	
POLYDACTYLUS INDICUS	802938	SYNODUS FOETENS	800582
ISTIOPHORIDAE		DISTRIBUTION OF INFECTION	
ISTIOPHORUS GREYI	801867	CYPRINIDAE	
SCOMBRIDAE		CYPRINUS CARPIO	803334
CYBIUM GUTTATUM	802938	INCIDENCE OF INFECTION	
EUTHYNNUS AFFINIS	802895	BERYCIDAE	
RASTRELLIGER KANAGURTA	802895	BERYX SPLENDENS	800826
	802938	TRACHICHTHYIDAE	
SCOMBEROMORUS COMMERSONI	801523	GEPHYROBERYX JAPONICUS	800826
STROMATEIDAE		GOBIIDAE	
STROMATEUS ARGENTUS	802938	NEOGOBIOUS FLUVIATILIS	801416
STROMATEUS CHINENSIS	802938	CARANGIDAE	
PLATYCEPHALOIDEI	801011	CHLOROSCOMBRUS CHRYSURUS	800653
TETRAODONTIDAE		TRACHURUS JAPONICUS	800826
TETRAODON HISPIDUS	800323	CICHLIDAE	
TRIACANTHIDAE		HEMICHROMIS FASCIATUS	800653
TRIACANTHUS FALCANALIS	800323	EPHIPPIDAE	
ATHERINIDAE		DREPANE PUNCTATA	800653
MENIDIA BERYLLINA	800589	PERCIDAE	801416
CYPRINODONTIDAE		POMADASYIDAE	
APLOCHEILICHTHYS GAMBIANUS	801207	BRACHYDEUTERUS AURITUS	800653
EPIPLATYS FASCIATUS	801207	PARAPRISTIPOMA TRILINEATUM	800826
BELONIDAE		POMADASYUS JUBELINI	800653
TYLOSURUS MACLEAYANUS	801011	SCIAENIDAE	
EXOCEOTIDAE		UMBRINA CIRROSA	800653
HEMIRAMPHUS	801523	SERRANIDAE	
ENGRAULIDAE		EPINEPHELUS MERRA	800956
ENGRAULIS MYSTAX	802539	SCOMBRIDAE	
	802938	AUXIS TAPEINOSOMA	800826
CHARACIDAE		STROMATEIDAE	
ALESTES NURSE	801989	PSENOPTIS ANOMALA	800826
ASTYANAX FASCIATUS	803275	ATHERINIDAE	
MICRALESTES	801207	ATHERINA MOCHON	801416
CATOSTOMIDAE		CYPRINODONTIDAE	
CATOSTOMUS OCCIDENTALIS	800584	EPIPLATYS SENEGALENSIS	800653
HYPENTELIUM ETOWANUM	800589	CLUPEIDAE	
MOXOSTOMA CERVINUM	800589	ALOSA CASPIA	801416
COBITIDAE		CLUPEONELLA DELICATULA	801416
COBITIS TAENIA	803129	CYPRINIDAE	
CYPRINIDAE	800433	CLARIIDAE	
BARBUS	801023	HETEROBRANCHIUS LONGIFILIS	800653
BARBUS BUBLINEATUS	801207	SILURIDAE	
BARBUS ALTIANALIS	801989	SILURUS GLANIS	801416
BARBUS TRISPINOPEURA	801207	BATHYLAGIDAE	
CAMPOSTOMA ANOMALUM	800584	BATHYLAGUS STILBIUS	800955
CHROSOMUS ERYTHROGASTER	800589	SYNODONTIDAE	
CYPRINUS CARPIO	800584	SYNODUS FOETENS	800582
	800589	INTENSITY OF INFECTION	
	800737	GASTEROSTEIDAE	
	800739	GASTEROSTEUS ACULEATUS	803125
	802590	PLECOGLOSSIDAE	
LABEO RUDII	800589	PLECOGLOSSUS ALTIVELIS	802360
NOCOMIS LEPTOCEPHALUS	800589	HOST PARASITE INTERACTIONS	
NOTROPIS ALBEOLUS	800589	AMIO MORPHA	
NOTROPIS SHUMARDI	800589	AMIA CALVA	801409
NOTROPIS AMOENUS	800584	CENTRARCHIDAE	
SILURIFORMES	802938	MICROPTERUS SALMOIDES	801409
BAGRIDAE		POMOXIS ANNULARIS	
BAGRUS DOMAC	801989	PERCIDAE	
CLARIIDAE		STIZOSTEDION CANADENSE	801409
CLARIAS MOSSAMBICUS	801989	SERRANIDAE	
ICTALURIDAE		MORONE CHRYSOPS	801409
ICTALURUS NEBULOSUS	800584	ICTALURIDAE	801409
	800589	ESOCIDAE	
MOCHOKIDAE		ESOX LUCIUS	802525



TETRAODON VIRIDIPUNCTATUS	801182	LETHRINUS GLYPHODON	800654	ENVIRONMENTAL FACTORS (CONTINUED)
INTENSITY OF INFECTION		LUTJANIDAE	800654	
TRACHICHTHYIDAE		LUTJANUS VITTA	800956	
GEPHYROBERYX JAPONICUS	800826	LUTJANUS MALTZANI	800658	
POMADASYIDAE		LUTJANUS GUINEENSIS	800653	
PLECTORHYNCHUS	800956	LUTJANUS VAIGIENSIS	800654	
SERRANIDAE	800956	LUTJANUS FLUVIFLAMMA	800956	
SCOMBRIDAE		LUTJANUS AMABILIS	800956	
AUXIS TAPEINOSOMA	800826	LUTJANUS MODESTUS	800658	
STROMATEIDAE		PERCIDAE		
PSENOPSIS ANOMALA	800826	ETHEOSTOMA NIGRUM	800585	
CYPRINODONTIDAE		PERCA FLUVIATILIS	801260	
EPIPLATYS SENEGALENSIS	800653	PERCA FLAVESCENS	800585	
CLARIIDAE		POMADASYIDAE		
HETEROBANCHUS LONGIFILIS	800653	BRACHYDEUTERUS AURITUS	800653	
SYNODONTIDAE			800658	
SYNODUS FOETENS	800582	PLECTORHYNCHUS	800654	
PARASITE LIFE HISTORY			800956	
TELEOSTEI	800593	PLECTORHYNCHUS GOLDMANI	800956	
	800875	PLECTORHYNCHUS PICTUS	800654	
BLENNIIDAE		POMADASYUS JUBELINI	800653	
SALARIAS MELEAGRIS	801525		800658	
GOBIIDAE		SCIAENIDAE		
NEOGOBIOUS FLUVIATILIS	801809	CYNOSCION MACROGNATHUS	800653	
NEOGOBIOUS KESSLERI	801809		800658	
LABRIDAE		LARIMUS PELI	800658	
CORIS JULIS	801626	SCIAENA RUSSELLI	801762	
CRENILABRUS PAVO	801626	UMBRINA CIRROSA	800653	
MUGILOIDEI	801525	SERRANIDAE	800654	
CENTRARCHIDAE			800956	
MICROPTERUS DOLOMIEUI	803030	EPINEPHELUS	800654	
PERCIDAE			800956	
PERCA FLAVESCENS	800875	EPINEPHELUS AENEUS	800658	
CYPRINODONTIDAE		EPINEPHELUS GORENIS	800658	
PANCHAX PANCHAX	802925	EPINEPHELUS MERRA	800956	
POECILIIDAE		MORONE SAXATILIS	802876	
POECILIA RETICULATA	801236	PLECTROPOMUS MACULATUS	800654	
GADIDAE			800956	
MICROGADUS TOMCOD	801255	SERRANUS LOUTI	800654	
PLECOGLOSSIDAE		SPARIDAE		
PLECOGLOSSUS ALTIVELIS	802361	PAGRUS EHRENBERGI	800653	
HOST PARASITE INTERACTIONS		THERAPONIDAE		
CYPRINODONTIDAE		THERAPON PUTA	801868	
JORDANELLA FLORIDAE	800594	SCOMBRIDAE		
POECILIIDAE		ACANTHOCYBIUM SOLANDRI	800653	
GAMBUSIA AFFINIS	800594	EUTHYNNUS ALLETTERATUS	800658	
POECILIA LATIPINNA	800594	SARDA SARDA	802932	
PARASITE SYSTEMATICS		SCOMBEROMORUS TRITOR	800658	
GOBIIDAE		CYNOGLOSSIDAE		
CHAENOGOBIOUS CASTANEA	801087	CYNOGLOSSUS SENEGALENSIS	800658	
CHAENOGOBIOUS UROTAENIA	801087	CYNOGLOSSUS GORENSIS	800658	
TRIDENTIGER OBSCURUS	801087	PSETTODIDAE		
HOST PARASITE INTERACTIONS		PSETTODES BELCHERI	800658	
TELEOSTEI	802091	TETRAODONTIDAE		
	802092	LAGOCEPHALUS LAEVIGATUS	800658	
INCIDENCE OF INFECTION		TETRAODON VIRIDIPUNCTATUS	801521	
CYPRINODONTIDAE			801762	
FUNDULUS HETEROCLITUS	801257	CYPRINODONTIDAE		
INTENSITY OF INFECTION		EPIPLATYS SENEGALENSIS	800653	
INCIDENCE OF INFECTION		EXOCOETIDAE		
PLEURONECTIDAE		CYPSSELURUS HETERURUS	800658	
PLEURONECTES PLATESSA	801432	HEMIRAMPHUS	800654	
PARASITE SYSTEMATICS		HEMIRHAMPHUS	800654	
DASYATIDAE		ANGUILLIDAE		
PTEROPLATEA MICRURA	800658	ANGUILLA BENGALENSIS	801261	
RHINOBATIDAE		CATOSTOMIDAE		
RHINOBATOS ALBOMACULATUS	800658	CATOSTOMUS COMMERSONI	800585	
TELEOSTEI	800593	CYPRINIDAE		
CHANNIFORMES	802673	ALBURNUS ALBURNUS	801181	
GASTEROSTEIDAE		NOTROPIS CORNUTUS	800585	
PUNGITIUS PUNGITIUS	800683	PHOXINUS PHOXINUS	800683	
ACANTHURIDAE		PIMEPHALES PROMELAS	800585	
ACANTHURUS MONROVIAE	800653	SEMOTILUS ATROMACULATUS	800585	
SIGANIDAE	800654	ARIIDAE		
ANARHICHADIDAE		ARIUS SONA	801762	
ANARHICHAS LUPUS	802434	ARIUS LATISCUTATUS	800653	
LABRIDAE		ARIUS HEUDELOTI	800653	
LEPIDAPLOIS PERDITO	800956	BAGRIDAE		
SCARIDAE	800956	CHRYSSICHTHYS NIGRODIGITATUS	800957	
MASTACEMBELIDAE		MYSTUS SEENGHALA	802435	
MASTACEMBELUS ARMATUS	801261	CLARIIDAE		
MASTACEMBELUS PUNCALUS	802673	HETEROBANCHUS LONGIFILIS	800653	
MUGILOIDEI	800654	ICTALURIDAE		
MUGIL CEPHALUS	800654	ICTALURUS MELAS	800585	
NOTOTHEIIDAE		ICTALURUS CATUS	802876	
DISSOSTICHUS MAWSONI	803274	LORICARIIDAE		
CARANGIDAE		PLECOSTOMUS COMMERSONI	802592	
CARANX HIPPOS	800658	SILURIDAE		
CARANX AFRICANUS	800658	WALLAGONIA ATTU	802673	
CHLOROSCOMBRUS CHRYSURUS	800653	MACROURIDAE	801457	
DECAPTERUS RHONCHUS	800653	MERLUCCIIDAE		
SCYRIS ALEXANDRINUS	800658	MERLUCCIUS MERLUCCIUS	802815	
SELAR CRUMENOPHTHALMUS	800653	ZOARCIDAE		
TRACHINOTUS GLAUCUS	800658	RHIGOPHILA DEARBORNI	803274	
TRACHINOTUS GORENSIS	800658	LOPHIIDAE		
VOMER SETAPINNIS	800658	LOPHIUS PISCATORIUS	802434	
CENTRARCHIDAE	802876		802815	
LEPOMIS MACROCHIRUS	800585	ESOCIDAE		
CICHLIDAE		ESOX LUCIUS	800585	
HEMICHROMIS FASCIATUS	800653	MYCTOPHIDAE	800654	
TILAPIA ZILLII	800653	INCIDENCE OF INFECTION		
EMBIOTOCIDAE		CHANNIFORMES		
HYSTEROCARPUS TRASKI	802876	CHANNA PUNCTATA	802514	
EPHIPPIDAE		CHANNA PUNCTATUS	802514	
DREPANE PUNCTATA	800653	CYPRINIDAE		
LETHRINIDAE	800654	PUNTIUS PHUTUNIO	802515	
	800956	BAGRIDAE	800957	

ENVIRONMENTAL FACTORS  
(CONTINUED)

CHRYSIDHYS NIGRODIGITATUS	800957	RUTILUS RUTILUS	802524
INTENSITY OF INFECTION		GADIDAE	
CHIMAEROMORPHA		LOTA LOTA	802586
CHIMAERA MONSTROSA	802717	FISH KILL	
PARASITE LIFE HISTORY		GASTEROSTEIDAE	
GASTEROSTEIDAE		GASTEROSTEUS ACULEATUS	803125
PUNGITIUS PUNGITIUS	800683	INTENSITY OF INFECTION	
POECILIIDAE		STROMATEIDAE	
POECILIA RETICULATA	801237	PSENOPTIS ANOMALA	800826
CYPRINIDAE		CATOSTOMIDAE	
PHOXINUS PHOXINUS	800683	CATOSTOMUS INSIGNIS	800655
ULTRASTRUCTURE		CATOSTOMUS CLARKI	800655
CYPRINODONTIDAE		CATOSTOMUS CLARKII	800655
CYPRINODON VARIEGATUS	800657	MINYTREMA MELANOPS	800958
EFFECT ON FISH		MOXOSTOMA ERYTHRURUM	800958
CYPRINODONTIDAE		CYPRINIDAE	800303
CYPRINODON VARIEGATUS	800657	LEUCISCUS LEUCISCUS	800592
AS PARASITE		SYNOPTIDAE	
PERCIDAE	800544	SYNOPTUS FOETENS	800582
CYPRINIDAE	800544	HOST PARASITE INTERACTIONS	
GADIDAE		RAJIDAE	
GADUS VIRENS	801247	RAJA NAEVUS	801529
ESOCIDAE	800544		803354
PARASITE LIFE HISTORY		TREATMENT FOR DISEASE	
CATOSTOMIDAE	800304	CYPRINIDAE	
PARASITE SYSTEMATICS		CTENOPHARYNGODON IDELLA	802094
TETRAODONTIDAE		HYPOPHthalmichthys MOLITRIX	802094
TETRAODON VIRIDIPUNCTATUS	800463	PROPHYLACTIC TREATMENT	
		INCIDENCE OF INFECTION	
		HOST PARASITE INTERACTIONS	
		SALMONIDAE	802635
		PARASITE LIFE HISTORY	
		CENTRARCHIDAE	
		MICROPTERUS DOLOMIEUI	800607
		CYPRINIDAE	
		ABRAMIS BRAMA	801231
		SCARDINIUS ERYTHROPHthalmus	801231
		ESOCIDAE	
		ESOX LUCIUS	801180
			801209
		SALMONIDAE	
		COREGONUS LAVARETUS	801232
		HOST SPECIFICITY	
		CENTRARCHIDAE	
		MICROPTERUS DOLOMIEUI	800607
		PARASITE LIFE HISTORY	
		ELASMOBRANCHII	803433
		TELEOSTEI	803433
		HOST PARASITE INTERACTIONS	
		TELEOSTEI	802091
			802092
		PERCIDAE	
		PERCA FLUVIATILIS	803500
		CYPRINIDAE	800303
		ABRAMIS	802089
		CTENOPHARYNGODON IDELLA	802089
		CYPRINUS CARPIO	802093
		LEUCISCUS LEUCISCUS	800592
		ESOCIDAE	
		ESOX LUCIUS	802353
		SYNOPTIDAE	
		SYNOPTUS FOETENS	800582
		SALMONIDAE	
		COREGONUS WARTMANNI	802941
		SALMO TRUTTA	802941
		SALVELINUS NAMAYCUSH	802353
		INCIDENCE OF INFECTION	
		CYPRINIDAE	
		SCARDINIUS ERYTHROPHthalmus	801522
		PARASITE SYSTEMATICS	
		MYLIOBATIDAE	
		MYLIOBATHS CALIFORNICA	801690
		RHINOBATIDAE	
		RHINOBATOS PRODUCTUS	801690
		TORPEDINIDAE	
		NARCINE BRASILIENSIS	803025
		CHANNIFORMES	
		OPHICEPHALUS LEUCOPUNCTATUS	800912
		CENTRARCHIDAE	
		CHAENOBRYTTUS GULOSUS	802876
		LEPOMIS CYANELLUS	802876
		SCOMBRIDAE	
		THUNNUS OBESUS	803021
		CATOSTOMIDAE	
		CATOSTOMUS INSIGNIS	800655
		CATOSTOMUS CLARKI	800655
		CATOSTOMUS CLARKII	800655
		MINYTREMA MELANOPS	800958
		MOXOSTOMA ERYTHRURUM	800958
		CYPRINIDAE	
		ALBURNUS ALBURNUS	801181
		PIMEPHALES PROMELAS	800585
		SEMOTILUS ATROMACULATUS	800585
		ICTALURIDAE	
		ICTALURUS MELAS	800585
		ICTALURUS CATUS	802876
		ICTALURUS PUNCTATUS	802876
		AMBLYOPSIDAE	
		CHOLOGASTER AGASSIZI	803273
		ESOCIDAE	
		ESOX LUCIUS	800585
		SALMONIDAE	
		SALMO GAIRDNERII	802876
		HOST PARASITE INTERACTIONS	
		CARANGIDAE	
		SERIOLOA QUINQUERADIATA	801585
		ULTRASTRUCTURE	
CESTODA			
CHECK LIST			
PETROMYZONTOMORPHA	801696		
SEASONAL CHANGES			
CENTRARCHIDAE			
MICROPTERUS DOLOMIEUI	800607		
SEASONAL ABUNDANCE			
CYPRINIDAE			
LEUCISCUS LEUCISCUS	800592		
SYNOPTIDAE			
SYNOPTUS FOETENS	800582		
REPRODUCTION			
CYPRINIDAE	800303		
DISTRIBUTION OF INFECTION			
CYPRINIDAE			
CYPRINUS CARPIO	803334		
INCIDENCE OF INFECTION			
ACIPENSEROMORPHA			
POLYODON SPATULA	801409		
BERYCIDAE			
BERYX SPLENDENS	800826		
CARANGIDAE			
TRACHURUS JAPONICUS	800826		
CENTRARCHIDAE			
MICROPTERUS DOLOMIEUI	800607		
GEMPYLIDAE			
PROMETHEICHTHYS PROMETHEUS	800826		
STROMATEIDAE			
PSENOPTIS ANOMALA	800826		
COTTIDAE			
COTTUS ASPER	802635		
CATOSTOMIDAE			
CATOSTOMUS INSIGNIS	800655		
CATOSTOMUS CLARKI	800655		
CATOSTOMUS CLARKII	800655		
MINYTREMA MELANOPS	800958		
MOXOSTOMA ERYTHRURUM	800958		
CYPRINIDAE	800303		
	801416		
ABRAMIS BRAMA	801925		
GOBIO GOBIO	800682		
LEUCISCUS LEUCISCUS	800592		
	800682		
LEUCISCUS RUTILUS	800682		
PHOXINUS PHOXINUS	802147		
SCARDINIUS ERYTHROPHthalmus	800682		
ICTALURIDAE	801409		
SILURIDAE			
SILURUS GLANIS	801416		
GADIDAE			
GADUS MERLANGUS	801950		
GALAXIIDAE			
GALAXIAS MACULATUS	803235		
SYNOPTIDAE			
SYNOPTUS FOETENS	800582		
SALMONIDAE			
SALMO SALAR	801950		
HOST PARASITE INTERACTIONS			
RAJIDAE			
RAJA BATH	803433		
RAJA FULLONICA	803433		
RAJA MONTAGUI	803433		
CARCHARINIDAE			
MUSTELUS MUSTELUS	803433		
SCYLIORHINIDAE			
SCYLIORHINUS CANICULUS	803433		
HEXANCHIFORMES			
HEXANCHUS GRISEUS	803433		
SQUALIDAE			
SPINAX SPINAX	803433		
SQUALUS ACANTHIAS	803433		
SQUATINIDAE			
SQUATINA SQUATINA	803433		
CYPRINIDAE			
ESOX LUCIUS	802524		

PARASITE LIFE HISTORY	
TELEOSTEI	801234
PERCIDAE	
PERCA FLUVIATILIS	801235
ESOCIDAE	
ESOX LUCIUS	801235
AS PARASITE	
MYLIOBATIDAE	
AETOBATUS NARINARI	800013
HOLOCENTRIDAE	800013
SYNGNATHIDAE	800544
Gobiidae	800544
PERCIDAE	800544
GEMPYLIDAE	
LEPIDOCYBIUM FLAVOBRUNNEUM	800013
ISTIOPHORIDAE	800013
XIPHIIDAE	
XIPHIAS GLADIUS	800013
EXOCOETIDAE	
CYPSELURUS SPILONOTOPTERUS	800013
ANGUILLIDAE	800544
CATOSTOMIDAE	
CATOSTOMUS INSIGNIS	800276
CATOSTOMUS CLARKII	800276
ICTIOBUS NIGER	800276
ICTIOBUS CYPRINELLUS	800276
ICTIOBUS BUBALUS	800276
CYPRINIDAE	800544
ESOCIDAE	800544
BLOOD	
CYPRINIDAE	800303

NEMATODA	
CHECK LIST	
PETROMYZONTOMORPHA	801696
INCIDENCE OF INFECTION	
RAJIDAE	
RAJA RADIATA	800684
TELEOSTEI	802092
BERYCIDAE	
BERYX SPLENDENS	800826
TRACHICHTHYIDAE	
GEPHYROBERYX JAPONICUS	800826
CARANGIDAE	
TRACHURUS JAPONICUS	800826
PERCIDAE	801416
PERCA FLUVIATILIS	801950
GEMPYLIDAE	
PROMETHEICHTHYS PROMETHEUS	800826
SCOMBRIDAE	
AUXIS TAPEINOSOMA	800826
STROMATEIDAE	
PSENOPSIS ANOMALA	800826
ATHERINIDAE	
ATHERINA MOCHON	801416
CYPRINIDAE	801416
ICTALURIDAE	801409
SILURIDAE	
SILURUS GLANIS	801416
GADIDAE	
GADUS MORHUA	801950
SALMONIDAE	
SALMO SALAR	801950
CHANGE WITH AGE	
GALAXIIDAE	
GALAXIAS MACULATUS	803235
INTENSITY OF INFECTION	
RAJIDAE	
RAJA RADIATA	800684
TRACHICHTHYIDAE	
GEPHYROBERYX JAPONICUS	800826
GEMPYLIDAE	
PROMETHEICHTHYS PROMETHEUS	800826
SCOMBRIDAE	
AUXIS TAPEINOSOMA	800826
STROMATEIDAE	
PSENOPSIS ANOMALA	800826
PARASITE LIFE HISTORY	
CYPRINIDAE	
CYPRINUS CARPIO	802093
GADIDAE	
GADUS MORHUA	801150
INCIDENCE OF INFECTION	
INTENSITY OF INFECTION	
GADIDAE	
GADUS MORHUA	802617
HOST PARASITE INTERACTIONS	
TELEOSTEI	802091
CYPRINIDAE	
CYPRINUS CARPIO	802089
PARASITE SYSTEMATICS	
RAJIDAE	
RAJA RADIATA	800684
BERYCIDAE	
BERYX SPLENDENS	800826
CHANNIFORMES	
CHANNA STRIATA	802672
CHANNA STRIATUS	802672
MASTACEMBELIDAE	
MASTACEMBELUS ARMATUS	802671
MUGILOIDEI	
MUGIL	802049
CARANGIDAE	
TRACHURUS JAPONICUS	800826

CENTROPOMIDAE	
LATES CALCARIFER	802049
FORMIONIDAE	
PARASTROMATEUS NIGER	802049
POMADASYIDAE	
PRISTIPOMA HASTA	802049
SCIAENIDAE	
PSEUDOSCIAENA	802049
SCIAENA	802049
SPARIDAE	
ACANTHOPAGRUS BERDA	802049
SPARUS	802049
THERAPONIDAE	
THERAPON	802049
POLYNEMOIDEI	
POLYNEMUS TETRADACTYLUS	802049
GEMPYLIDAE	
PROMETHEICHTHYS PROMETHEUS	800826
SCOMBRIDAE	
AUXIS TAPEINOSOMA	800826
BELONIDAE	
BELONE STRONGYLURUS	802049
CLUPEIDAE	
HILSA	802049
CHARACIDAE	
COLOSSOMA MACROPOMUS	800932
PIABUCINA	800932
COBITIDAE	
NOEMACHEILUS BARBATULUS	802146
CYPRINIDAE	802146
	803130
	801181
ALBURNUS ALBURNUS	
ARIIDAE	
ARIUS SERRATUS	802049
BAGRIDAE	802671
HETEROPNEUSTIDAE	
HETEROPNEUSTES FOSSILIS	802671
SCHILBEIDAE	
PSFUEUTROPIUS GARUA	802671
SILURIDAE	
WALLAGONIA ATTU	802671
	802936
SISORIDAE	
BAGARIUS BAGARIUS	802671
NOTOPTERIDAE	
NOTOPTERUS NOTOPTERUS	802671
AS FOOD FOR FISH	
GASTEROSTEIDAE	
GASTEROSTEUS ACULEATUS	803329
CYPRINIDAE	
ABRAMIS BRAMA	802447
SALMONIDAE	
THYMALLUS THYMALLUS	803075
AS PARASITE	
MYXINOMORPHA	
MYXINE GLUTINOSA	803283
CENTRARCHIDAE	
LEPOMIS MACROCHIRUS	800585
POMOXIS NIGROMACULATUS	800585
CYPRINIDAE	
SEMOTILUS ATROMACULATUS	800585
INCIDENCE OF INFECTION	
SEASONAL ABUNDANCE	
SERRANIDAE	
MORONE AMERICANA	800591
FREQUENCY OF INFECTION	
OSMERIDAE	
MALLOTUS VILLOSUS	801122
ACANTHOCEPHALA	
CHECK LIST	
PETROMYZONTOMORPHA	801696
DISTRIBUTION OF INFECTION	
CYPRINIDAE	
CYPRINUS CARPIO	803334
INCIDENCE OF INFECTION	
TELEOSTEI	802092
BERYCIDAE	
BERYX SPLENDENS	800826
CARANGIDAE	
TRACHURUS JAPONICUS	800826
POMADASYIDAE	
PARAPRISTIPOMA TRILINEATUM	800826
GEMPYLIDAE	
PROMETHEICHTHYS PROMETHEUS	800826
SCOMBRIDAE	
AUXIS TAPEINOSOMA	800826
SALMONIDAE	
SALMO SALAR	801950
CHANGE WITH AGE	
GALAXIIDAE	
GALAXIAS MACULATUS	803235
INTENSITY OF INFECTION	
CYPRINIDAE	
LEUCISCUS IDUS	801500
HOST PARASITE INTERACTIONS	
CATOSTOMIDAE	
CARPIODES CYPRINUS	801566
INTENSITY OF INFECTION	
SCOMBRIDAE	
AUXIS TAPEINOSOMA	800826
PARASITE LIFE HISTORY	
PARASITE SYSTEMATICS	
TELEOSTEI	800597

ENVIRONMENTAL FACTORS  
(CONTINUED)

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ENVIRONMENTAL FACTORS  
(CONTINUED)

CLUPEIDAE	
ENGRAULIDAE	801230
SYNAPHOBRANCHIDAE	801352
CYPRINIDAE	
BARBUS ALTIANALIS	801230
CLARIIDAE	801230
PARASITE SYSTEMATICS	
CHIMAEROMORPHA	
HYDROLAGUS COLLIEI	802380
DASYATIDAE	
DASYATIS FLUVIUM	801278
TRYGON	803352
PRISTIDAE	
PRISTIS	803352
RHINOBATIDAE	803352
CARCHARINIDAE	
SCOLIODON SORRAKOWAH	803352
PHOLIDIDAE	
APODICHTHYS FLAVIDUS	802380
LABRIDAE	
PSEUDOLABRUS TETRICUS	801278
CHEILODACTYLIDAE	
CHEILODACTYLUS MACROPTERUS	801753
LATRIDAE	
LATRIDOPSIS CILIARIS	801753
SERRANIDAE	
EPINEPHELUS MERRA	801278
SILLAGINIDAE	
SILLAGINODES PUNCTATUS	801278
GEMPYLIDAE	
JORDANIA SOLANDRI	801753
LEONURA ATUN	801753
SCOMBRIDAE	
SCOMBEROMORUS COMMERSONI	801277
	801278
CENTROLOPHIDAE	
SERIOLELLA BRAMA	801753
MUGILOIDAE	
PARAPERCIS COLIAS	801753
COTTIDAE	
MYOXOCEPHALUS POLYACANTHOCEPHALUS	802380
SCORPAENICHTHYS MARMORATUS	802380
SCORPAENIDAE	
SEBASTODES ALUTUS	802380
MOLIDAE	
MOLA MOLA	802523
TETRAODONTIDAE	
SPHAERODES PLEUROSTICTUS	801278
ATHERINIDAE	
AUSTROATHERINA SMITTI	803138
CLUPEIDAE	
ANODONTOSTOMA CHACUNDA	800447
DUSSUMIERIA HASSETII	803352
CYPRINIDAE	
ALBURNUS ALBURNUS	801181
INCIDENCE OF INFECTION	
SCOMBRIDAE	
EUTHYNNUS AFFINIS	801933
RASTRELLIGER KANAGURTA	801932
INTENSITY OF INFECTION	
PARASITE LIFE HISTORY	
DIODONTIDAE	
CHILOMYCTERUS ANTENNATUS	801824
CHILOMYCTERUS SCHOEPI	801824
DIODON HYSTRIX	801824
TETRAODONTIDAE	
SPHAERODES MARMORATUS	801824
HOST SPECIFICITY	
DIPNOI	
PROTOPTERUS	801230
POLYPTEROMORPHA	
POLYPTERUS	801230
CENTROPOMIDAE	
LATES	801230
CICHLIDAE	801230
CHARACIDAE	
HYDROCYNUS	801230
CITHARINIDAE	801230
CYPRINIDAE	801230
BAGRIDAE	801230
CLARIIDAE	801230
OSTEOGLOSSIDAE	
HETEROTIS NILOTICUS	801230
PARASITE LIFE HISTORY	
GADIDAE	
GADUS MORHUA	802551
EFFECT ON FISH	
DISTRIBUTION	
CLUPEIDAE	
CLUPEA HARENGUS	801829
AS FOOD FOR FISH	
LABRIDAE	
LABROIDES PHTHIROPHAGUS	802628
CENTRARCHIDAE	
POMOXIS NIGROMACULATUS	802379
CENTROPOMIDAE	
AMBASSIS GYMNOCEPHALUS	801937
CLUPEIDAE	
ALOSA PSEUDOHARENGUS	802903
	802904
CYPRINIDAE	
CTENOPHARYNGODON IDELLA	802043
GADIDAE	
BOREOGADUS SAIDA	801135
OSMERIDAE	
MALLOTUS VILLOSUS	801116
AS PARASITE	

CARCHARINIDAE	
CARCHARINUS MENISORRAH	801967
GALEOCERDO CUVIERI	801967
HOLOCENTRIDAE	
HOLOCENTRUS SPINIFER	801967
HOLOCENTRUS SAMMARA	801967
ACANTHURIDAE	
ACANTHURUS GAHHM	801967
ACANTHURUS OLIVACEOUS	801967
NASO VLAMINGI	801531
NOTOTHENIIDAE	
CARANGIDAE	
CARANX MELAMPYGUS	801967
CENTRARCHIDAE	
LEPOMIS MACROCHIRUS	800585
POMOXIS NIGROMACULATUS	800585
CHAETODONTIDAE	
CHAETODON AURIGA	801967
CHAETODON LUNULA	801967
POMACANTHUS IMPERATOR	801967
PERCIDAE	
ETHEOSTOMA NIGRUM	800585
PERCA FLAVESCENS	800585
SERRANIDAE	
EPINEPHELUS KOHLERI	801967
EPINEPHELUS FUSCIGUTTATUS	801967
SCOMBRIDAE	
SCORPAENIDAE	
SEBASTES MENTELLA	800997
BALISTIDAE	
BALISTODES VIRIDESCENS	801967
BELONIDAE	
BELONE PLATYURA	801967
CATOSTOMIDAE	
CATOSTOMUS COMMERSONI	800585
CYPRINIDAE	
PIMEPHALES PROMELAS	800544
SEMOTILUS ATROMACULATUS	800585
ESOCIDAE	
ESOX LUCIUS	800544
SALMONIDAE	
SALMO TRUTTA	800585
DISTRIBUTION OF INFECTION	
CYPRINIDAE	
CYPRINUS CARPIO	803334
PARASITE LIFE HISTORY	
SCORPAENIDAE	
SEBASTES MENTELLA	800375
PARASITE SYSTEMATICS	
MOBULIDAE	
MOBULA MOBULA	800374
CARANGIDAE	
CARANX	800368
	800438
	800438
CHORINEMUS LYSAN	
LETHRINIDAE	
LETHRINUS MINIATUS	800368
LUTJANIDAE	
LUTJANUS	800371
SCIAENIDAE	
OTOLITHUS MACULATUS	800438
SCOMBRIDAE	
ACANTHOCYBIUM SOLANDRI	800370
TRICHIURIDAE	
TRICHIURUS SAVALA	800371
	800438
SPHYRAENOIDEI	
SPHYRAENA OBTUSATA	800438
SPHYRAENA SPINOSUS	800438
DIODONTIDAE	
DIODON HYSTRIX	800373
TETRAODONTIDAE	
TETRAODON CUTUTIA	800373
CHIROCENTRIDAE	
CHIROCENTRUS DORAB	800371
MEGALOPIDAE	
MEGALOPS CYPRINOIDES	800438
GONOSTOMATIDAE	
VINCIGUERRIA LUCETIA	800372
DECAPODA	
AS FOOD FOR FISH	
GOBIIDAE	
PERIOPHTHALMUS KOELREUTERI	802276
ACANTHOCLINIDAE	
ACANTHOCLINUS QUADRIDACTYLUS	803214
PERCIDAE	
PERCA FLUVIATILIS	802460
SCOMBRIDAE	
THUNNUS	802462
ANGUILLIDAE	
ANGUILLA ANGUILLA	801795
MEGALOPIDAE	
MEGALOPS ATLANTICA	800417
ARIIDAE	
GALEICHTHYS FELIS	802790
AS COMMENSAL	
GOBIIDAE	
COTTOGOBIOUS YONGEI	801789

ISOPODA

INCIDENCE OF INFECTION		CTENOPHARYNGODON IDELLA	802043	ENVIRONMENTAL FACTORS (CONTINUED)
HOLOCENTRIDAE		CYPRINUS CARPIO	800646	
MYRIPRISTIS JACOBUS	801949		801175	
PARASITE LIFE HISTORY			802046	
PARASITE SYSTEMATICS			802278	
CLUPEIDAE		LEUCISCUS BRANDTI	803189	
LIMNOTHRISSA MIODON	801229	TOR TOR	803428	
STOLOTHRISSA TANGANICAE	801229	ICTALURIDAE		
HOST SPECIFICITY		ICTALURUS NEBULOSUS	802425	
CICHLIDAE		MORMYRIDAE	802659	
SIMOCHROMIS DIAGRAMMA	801230	GADIDAE		
CITHARINIDAE		LOTA LOTA	802495	
EUGNATHICHTHYS EETVELDII	801230	UMBRIDAE		
AS FOOD FOR FISH		UMBRA LIMI	802425	
LABRIDAE		GALAXIIDAE		
LABROIDES PHTHIROPHAGUS	802628	GALAXIAS MACULATUS	803235	
GOBIESOCIFORMES		SALMONIDAE		
GOBIOX EUGRAMMUS	800996	COREGONUS HOYI	802749	
SALMONIDAE		COREGONUS AUTUMNALIS	802496	
SALMO TRUTTA	803079	COREGONUS CYLINDRACEUS	803343	
AS PARASITE		HUCHO PERRYI	803189	
NOTOTHEIIDAE	801531	ONCORHYNCHUS MASOU	802670	
CICHLIDAE		ONCORHYNCHUS KISUTCH	801066	
SIMOCHROMIS	800015		802340	
CITHARINIDAE		ONCORHYNCHUS TSHAWYTSCHA	801066	
EUGNATHICHTHYS	800015	SALMO TRUTTA	801497	
CHANIDAE			802916	
CHANOS CHANOS	801948	SALMO GAIRDNERII	801497	
		SALVELINUS NAMAYCUSH	803073	
		SALVELINUS LEUCOMAENIS	803189	
		SALVELINUS MALMA	802340	
		THYMALLUS THYMALLUS	803075	
		THYMALLUS ARCTICUS	802496	
EUPHAUSIACEA		FRY		
AS FOOD FOR FISH		SALMONIDAE		
GADIDAE		ONCORHYNCHUS KETA	802306	
MICROMESISTIUS POUTASSOU	801133	DESCRIPTIVE EVOLUTION		
ARGENTINIDAE		TELEOSTEI	801795	
ARGENTINA SILUS	801125	AS SYMBIONT OF FISH		
OSMERIDAE		EXPERIMENTAL ANALYSIS		
MALLOTUS VILLOSUM	801116	EMBRYO		
		SALMONIDAE		
		ONCORHYNCHUS GORBUSCHA	800949	
		ONCORHYNCHUS KETA	800949	
		AS PREDATOR		
		EGG		
		FRY		
		SALMONIDAE		
		SALMO CLARKII	802701	
		SALMO GAIRDNERII	802701	
		BLISTER BEETLES		
		AS FOOD FOR FISH		
		CENTRARCHIDAE		
		LEPOMIS CYANELLUS	800397	
INSECTA				
PONDFISH PRODUCTIVITY		MOLLUSCA		
CYPRINIDAE		HOST PARASITE INTERACTIONS		
CYPRINUS CARPIO	801543	TELEOSTEI	802091	
DESCRIPTION AND OCCURRENCE		PARASITE LIFE HISTORY		
CYPRINIDAE		PETROMYZONTOMORPHA		
CYPRINUS CARPIO	800646	ENTOSPHEINUS JAPONICUS	803473	
	801544	ENTOSPHEINUS REISSNERI	803473	
AS FOOD FOR FISH		COTTIDAE		
ACIPENSEROMORPHA		COTTUS POLLUX	803473	
ACIPENSER TRANSMONTANUS	802599	COBITIDAE	803473	
SEMIONOTOMORPHA		CYPRINIDAE	803473	
LEPISOSTEUS PLATOSTOMUS	802105	PLECOGLOSSIDAE		
GASTEROSTEIDAE		PLECOGLOSSUS ALTIVELIS	803473	
EUCALIA INCONSTANS	802425	SALMONIDAE	803473	
GASTEROSTEUS ACULEATUS	803329	AS FOOD FOR FISH		
GOBIIDAE		LAMPRIDAE		
NEOGOBIOUS FLUVIATILIS	803196	LAMPRIS REGIUS	801858	
NEOGOBIOUS MELANOSTOMUS	803196	GOBIIDAE		
PERIOPHTHALMUS CHRYSOSPILOS	803213	NEOGOBIOUS MELANOSTOMUS	803330	
PERIOPHTHALMUS KALOLO	803213	ICOSTEOIDEI		
PERIOPHTHALMUS SOBRINUS	803213	ICOSTEUS AENIGMATICUS	801858	
PERIOPHTHALMODON SCHLOSSERI	803213	ACANTHOCLINIDAE		
MUGILOIDEI		ACANTHOCLINUS QUADRIDACTYLUS	803214	
MUGIL CEPHALUS	801175	CARANGIDAE		
CENTRARCHIDAE		DECAPTERUS MARUADSI	802819	
AMBLOPLITES RUPESTRIS	802420	CENTRARCHIDAE		
LEPOMIS MACROCHIRUS	802420	LEPOMIS MACROCHIRUS	802420	
LEPOMIS GIBBOSUS	802420	LEPOMIS GIBBOSUS	802420	
POMOXIS NIGROMACULATUS	802379	LUTJANIDAE		
CICHLIDAE	801175	LUTJANUS BOHAR	803086	
PERCIDAE		LUTJANUS ERYTHROPTERUS	802819	
ETHEOSTOMA EXILE	802425	MULLIDAE		
PERCINA CAPRODES	802736	UPENEUS MOLUCCENSIS	802819	
PERCA FLUVIATILIS	802460	POMADASYIDAE		
PERCA FLAVESCENS	802420	POMADASYUS HASTA	802819	
STIZOSTEDION CANADENSE	802750	PRIACANTHIDAE		
SCIAENIDAE		PRIACANTHUS MACRACANTHUS	800990	
APLODINOTUS GRUNNIENS	802775	PRIACANTHUS TAYENUS	800990	
COTTIDAE		SCIAENIDAE		
COTTUS ALEUTICUS	800781	BAIRODIELLA CHRYSURA	803295	
COTTOCOMEPHORIDAE		XIPHIIDAE		
COTTOCOMEPHORUS GREWINGKI	802487	XIPHIAS GLADIUS	802313	
ATHERINIDAE		PLEURONECTIDAE		
LABIDESTHES SICULLUS	802736	LIOPSETTA OBSCURA	802893	
CYPRINODONTIDAE		PLEURONECTES PLATESSA	802908	
FUNDULUS DIAPHANUS	802425	PSEUDOPLEURONECTES AMERICANUS	801693	
CHARACIDAE		COTTIDAE		
BRYCONOPS INPAI	803311	GYMNOCANTHUS HERZENSTEINI	802893	
HYDROCYON VITTATUS	802935	ENGRAULIDAE		
DISTICHODONTIDAE				
DISTICHODUS NILOTICUS	802488			
DISTICHODUS ROSTRATUS	802488			
CATOSTOMIDAE				
CATOSTOMUS COMMERSONI	802425			
CYPRINIDAE	801175			
	802425			
ABRAMIS BRAMA	801925			
	802447			
ALBURNUS ALBURNUS	802256			
ASPIUS ASPIUS	803196			
BARBUS CAPITO	802046			
CIRRHIINA MOLITORELLA	802278			

ENVIRONMENTAL FACTORS  
(CONTINUED)

ENGRAULIS ENCRASICHOLUS	803165
SERRIVOMERIDAE	
SERRIVOMER SECTOR	801858
CYPRINIDAE	
ABRAMIS BRAMA	801925
ASPIUS ASPIUS	803196
BLICCA BJOERKNA	801554
CIRRHINA MOLITORELLA	802278
CYPRINUS CARPIO	801175
LEUCISCUS BRANDTI	803189
LEUCISCUS RUTILUS	801554
MYLOPHARYNGODON PICEUS	802278
TOR TOR	803428
BAGRIDAE	
CHRSYCHTHYS MABUSI	800245
CLARIIDAE	
CLARIAS MELLANDI	800245
MOCHOKIDAE	
SYNODONTIS NIGROMACULATUS	800245
BATRACHOIDIFORMES	
AMPHICHTHYS CRYPTOCENTRUS	801951
OPHIIDAE	
OTOPHIDIUM SCRIPPSI	802866
GIGANTACTINIDAE	801858
UMBRIDAE	
UMBRA LIMI	802425
GALAXIIDAE	
GALAXIAS MACULATUS	803235
ALEPISAUROIDAE	
ALEPISAUROUS FEROX	801858
PARALEPIDIDAE	
LESTIDIUM RINGENS	801858
SYNODONTIDAE	
SAURIDA TUMBIL	802819
SALMONIDAE	802319
COREGONUS HOYI	802749
COREGONUS AUTUMNALIS	802496
HUCHO PERRYI	803189
THYMALLUS THYMALLUS	803075
THYMALLUS ARCTICUS	802496
AVAILABILITY AND USE AS FOOD	
CENTRARCHIDAE	
LEPOMIS MICROLOPHUS	802103
AS SHELTER FOR FISH	
APOGONIDAE	
ASTRAPOGON STELLATUS	801949
CYCLOPTERIDAE	
LIPARIS ATLANTICUS	802728
GADIDAE	
UROPHYCIS CHUSS	803001
AS COMMENSAL	
TELEOSTEI	801604
AS PARASITE	
SALMONIDAE	
SALMO TRUTTA	800676
CHECK LIST	
PETROMYZONTOMORPHA	801696

ROTIFERA

AS FOOD FOR FISH	
CYPRINIDAE	
CTENOPHARYNGODON IDELLA	802043

CHAETOGNATHA

AS FOOD FOR FISH	
POMATOMIDAE	
POMATOMUS SALTATRIX	802018
ENGRAULIDAE	
ENGRAULIS ENCRASICHOLUS	803165

ECHINODERMATA

AS FOOD FOR FISH	
LUTJANIDAE	
LUTJANUS BOHAR	803086
AS SHELTER FOR FISH	
APOGONIDAE	
APOGON ERDMANII	803367
CARAPIDAE	801917
JORDANICUS GRACILIS	800439
GOBIESOCIFORMES	
GOBIESOX EUGRAMMUS	800996
LEPADICHTHYS LINEATUS	802219
AS PREDATOR	
EGG	
HEXAGRAMMIDAE	
OPHIODON ELONGATUS	801067

PROTOCHORDATA

AS FOOD FOR FISH	
Gobiidae	
IOGLOSSUS HELENAE	803014
PRIACANTHIDAE	
PRIACANTHUS MACRACANTHUS	800990
PRIACANTHUS TAYENUS	800990
	802819

AMPHIBIA

REJECTION AS FOOD	
EGG	
CENTRARCHIDAE	
LEPOMIS CYANELLUS	800515
LEPOMIS MEGALOTIS	800515
ICTALURIDAE	
ICTALURUS MELAS	800515
AS FOOD FOR FISH	
CICHLIDAE	
TILAPIA MOSSAMBICA	803212

REPTILIA

ICHTHYOSAUR	
AS PREDATOR	
PHOLIDOPHOROMORPHA	
PHOLIDOPHORUS	800663
SEMIONOTOMORPHA	
DAPEDIUM	800663
LEPIDOTES	800663

AVES

AS PREDATOR	
TELEOSTEI	803010
HOLOCENTRIDAE	800011
CHANNIFORMES	803427
GASTEROSTEIDAE	
GASTEROSTEUS ACULEATUS	801312
AMMODYTIDAE	
AMMODYTES AMERICANUS	801255
BLENNIIDAE	800011
CICHLIDAE	
TILAPIA	803427
EMMELICHTHYIDAE	800011
SERRANIDAE	800011
GEMPYLIDAE	800011
SCOMBRIDAE	800011
POECILIIDAE	
GAMBUSIA AFFINIS	803057
EXOCOETIDAE	800011
COBITIDAE	803057
CYPRINIDAE	803057
	803427
SILURIDAE	
SILURUS GLANIS	803057
GADIDAE	
MICROGADUS TOMCOD	801255
MYCTOPHIDAE	800011
OSMERIDAE	
MALLOTUS VILLOSUM	801255
SALMONIDAE	
ONCORHYNCHUS NERKA	802531
GONOSTOMATIDAE	800011

MAMMALIA

EFFECT ON FISH	
INCIDENCE OF INFECTION	
GADIDAE	
GADUS MORHUA	802617
AS COMMENSAL	
SCOMBRIDAE	
EUTHYNNUS PELAMIS	801705
KATSUWONUS PELAMIS	801705
THUNNUS ALBACARES	801705
AS PREDATOR	
MELAMPHAEIDAE	
SCOPELOGADUS BISPINOSUS	802598
SCIAENIDAE	
SERIPHUS POLITUS	802598
ISTIOPHORIDAE	802052
SCOMBRIDAE	802052
CENTROLOPHIDAE	802598
ICHTHYS LOCKINGTONI	802598
COMEPHORIDAE	
COMEPHORUS DYBOWSKII	800263
EXOCOETIDAE	
OXYPORHAMPHUS MICROPTERUS	802598
SCOMBERESOCIDAE	
COLLABIS SAIRA	802598
CLUPEIDAE	801950
ENGRAULIDAE	
ENGRAULIS MORDAX	802598
CONGRIDAE	802598
BATRACHOIDIFORMES	
PORICHTHYS NOTATUS	802598
BREGMACEROTIDAE	
BREGMACEROS BATHYMASTER	802598
GADIDAE	801950
MACROURIDAE	802598
COELORHYNCHUS	802598
MERLUCCIIDAE	
MERLUCCIIUS PRODUCTUS	802598
MORIDAE	802598
OPHIIDAE	
OTOPHIDIUM TAYLORI	802598
ARGENTINIDAE	
ARGENTINA SIALIS	802598
GLOSSANGDON	802598



NANSENIA	802598	NEMIPTERUS VIRGATUS	802819	ENVIRONMENTAL FACTORS (CONTINUED)
BATHYLAGIDAE		PERCIDAE		
BATHYLAGUS	802598	PERCA FLUVIATILIS	803496	
MYCTOPHIDAE	802598	STIZOSTEDION CANADENSE	802750	
LAMPADENA	803087	STIZOSTEDION LUCIOPERCA	803173	FISH-TO-FISH RELATIONSHIPS
PARALEPIDIDAE			803196	
STEMONOSUDIS	802598		803496	
SCOPELARCHIDAE		POMADASYIDAE		
BENTHABELLA	802598	POMADASYUS HASTA	802819	
SALMONIDAE	801950	PRIACANTHIDAE		
ONCORHYNCHUS NERKA	802531	PRIACANTHUS MACRACANTHUS	800990	
SALMO SALAR	801950	PRIACANTHUS TAYENUS	800990	
GONOSTOMATIDAE	802598	SCIAENIDAE		
ICHTHYOCOCCUS	802598	CYNOSCION NEBULOSUS	803295	
VINCIGUERRIA LUCETIA	802598	THERAPONIDAE		
STERNOPTYCHIDAE		THERAPON THERAPS	802819	
POLYIPNUS	802598	GEMPYLIDAE		
ORCINUS ORCA		GEMPYLUS SERPENS	801858	
AS PREDATOR		SCOMBRIDAE		
CARCHARHINIDAE	800218	AUXIS THAZARD	802819	
LAMPRIDAE		EUTHYNNUS AFFINIS	802819	
LAMPRIS REGIUS	800218	XIPHIIDAE		
PLEURONECTIDAE		XIPHIAS GLADIUS	802313	
HIPPOGLOSSUS STENOLEPIS	800218	CHIASMODONTIDAE		
		KALI NORMANI	801858	
		URANOSCOPIIDAE		
		KATHETOSTOMA AVERRUNCUS	801858	
		BOTHIDAE		
		SCOPHTHALMUS MAXIMUS	802908	
		SCOPHTHALMUS RHOMBUS	802908	
		SERRIVOMERIDAE		
		SERRIVOMER SECTOR	801858	
		CYPRINIDAE		
		ASPIUS ASPIUS	803196	
		LEUCISCUS BRANDTI	803189	
		ARIIDAE		
		BAGRE MARINUS	803295	
		ICTALURIDAE		
		ICTALURUS PUNCTATUS	800078	
		GADIDAE		
		GADUS MORHUA	801985	
		LOTA LOTA	803496	
			803499	
		MICROMESISTIUS POUTASSOU	802024	
		GIGANTACTINIDAE	801858	
		ESOCIDAE		
		ESOX LUCIUS	803496	
		UMBRIDAE		
		UMBRA LIMI	802425	
		ALEPISAUROIDAE		
		ALEPISAUROS FEROX	801858	
		ANOPTERIDAE		
		ANOPTERUS PHARAO	801858	
		PARALEPIDIDAE		
		LESTIDIUM RINGENS	801858	
		SYNODONTIDAE		
		SAURIDA TUMBIL	802819	
		SALMONIDAE	802319	
		COREGONUS AUTUMNALIS	802496	
		HUCHO PERRYI	803189	
		ONCORHYNCHUS KISUTCH	802340	
		SALVELINUS LEUCOMAENIS	803189	
		SALVELINUS MALMA	802340	
		THYMALLUS THYMALLUS	803075	
		THYMALLUS ARCTICUS	802496	
		CHAULIODONTIDAE		
		CHAULIODUS MACOUNI	801858	
		IDIACANTHIDAE		
		IDIACANTHUS ANTHOSTOMUS	801858	
		EGG		
		GASTEROSTEIDAE		
		EUCALIA INCONSTANS	802425	
		CENTRARCHIDAE		
		LEPOMIS MACROCHIRUS	802420	
		CATOSTOMIDAE		
		CATOSTOMUS COMMERSONI	802425	
		GALAXIIDAE		
		GALAXIAS MACULATUS	803235	
		SALMONIDAE		
		COREGONUS HOYI	802749	
		LARVA		
		GASTEROSTEIDAE		
		GASTEROSTEUS ACULEATUS	803329	
		GASTEROSTEIDAE		
		GASTEROSTEUS ACULEATUS		
		AS FOOD FOR FISH		
		ACIPENSEROMORPHA		
		ACIPENSER TRANSMONTANUS	802599	
		PERCIDAE		
		PERCA FLUVIATILIS	801554	
		STIZOSTEDION LUCIOPERCA	801554	
		PUNGITIUS PUNGITIUS		
		AS FOOD FOR FISH		
		PERCIDAE		
		PERCA FLUVIATILIS	802489	
		STIZOSTEDION LUCIOPERCA	802489	
		LAMPRIDAE		
		LAMPRIS REGIUS		
		AS PREDATOR		

ENVIRONMENTAL FACTORS (CONTINUED)	ALEPISAUROIDEAE ALEPISAUROIDEAE SCOPELARCHIDAE	801858 801858	CYPRINIDAE POMOXIS ANNULARIS AS PREDATOR ATHERINIDAE MENIDIA AUDENS	801377   801377
FISH-TO-FISH RELATIONSHIPS				
	TRACHTERIDAE TRACHTERUS IRIS AS FOOD FOR FISH XIPHIIDAE XIPHIAS GLADIUS	803058	CICHLIDAE HAPLOCHROMIS TILAPIA AS FOOD FOR FISH CHARACIDAE HYDROCYN VITTATUS	802935
	ACANTHURIDAE AS FOOD FOR FISH LUTJANIDAE LUTJANUS BOHAR	803086	EMBIOTOCIDAE RHACOCILUS VACCA AS PREDATOR EGG HEXAGRAMMIDAE OPHIODON ELONGATUS	801067
	AMMODYTIDAE AMMODYTES AS FOOD FOR FISH GADIDAE GADUS MORHUA	801985	PERCIDAE ACERINA CERNUA AS FOOD FOR FISH PERCIDAE PERCA FLUVIATILIS STIZOSTEDION LUCIOPERCA PERCA FLAVESCENS AS FOOD FOR FISH ESOCIDAE ESOX LUCIUS AS PREDATOR GASTEROSTEIDAE CULAEAE INCONSTANS PUNGITIUS PUNGITIUS PERCA FLUVIATILIS AS FOOD FOR FISH SALMONIDAE SALVELINUS NAMAYCUSH STIZOSTEDION LUCIOPERCA AS FOOD FOR FISH PERCIDAE PERCA FLUVIATILIS AS PREDATOR GOBIIDAE BUBYR CAUCASICUS NEOGOBIOUS FLUVIATILIS	801554 801554  802694  801876 801876  803073  802489  803324 803324
	GOBIIDAE AS FOOD FOR FISH PERCIDAE PERCA FLUVIATILIS STIZOSTEDION LUCIOPERCA GOBIOMORPHUS BASALIS AS PREDATOR GALAXIIDAE GALAXIAS MACULATUS NEOGOBIOUS FLUVIATILIS BUBYR CAUCASICUS AS FOOD FOR FISH LENGTH FREQUENCY PERCIDAE STIZOSTEDION LUCIOPERCA POMATOSCHISTUS MINUTUS AS FOOD FOR FISH PERCIDAE ACERINA CERNUA PERCA FLUVIATILIS STIZOSTEDION LUCIOPERCA	802460 803196  803235  803324  802489 802489 802489		
	MUGILOIDEI AS FOOD FOR FISH EGG CENTROPOMIDAE AMBASSIS GYMNOCEPHALUS MUGIL AS FOOD FOR FISH CARCHARINIDAE NEGAPRION BREVIROSTRIS	801937   802226	SCIAENIDAE MICROPOGON UNDULATUS AS FOOD FOR FISH SCIAENIDAE SCIAENOPS OCELLATA	802994
	CARANGIDAE SELAR CRUMENOPHTHALMUS DECAPTERUS PUNCTATUS AS FOOD FOR FISH SCOMBRIDAE EUTHYNNUS ALLETTERATUS SERIOLA DORSALIS AS PREDATOR MACRORHAMPHOSIDAE MACRORHAMPHOSUS GRACILIS TRACHURUS AS FOOD FOR FISH ISTIOPHORIDAE TETRAPTERUS BREVIROSTRIS TRACHURUS MEDITERRANEUS AS FOOD FOR FISH POMATOMIDAE POMATOMUS SALTATRIX	802997  801858  800394 802018	SERRANIDAE AS FOOD FOR FISH LUTJANIDAE LUTJANUS BOHAR MORONE CHRYSOPS AS PREDATOR ATHERINIDAE MENIDIA AUDENS MORONE SAXATILIS AS PREDATOR SCIAENIDAE MICROPOGON UNDULATUS	803086  801377  802763
	CENTRARCHIDAE AS FOOD FOR FISH ESOCIDAE ESOX LUCIUS MICROPTERUS SALMOIDES AS PREDATOR GASTEROSTEIDAE CULAEAE INCONSTANS PUNGITIUS PUNGITIUS CENTRARCHIDAE ATHERINIDAE MENIDIA AUDENS CLUPEIDAE DOROSOMA	802694  801876 801876 801377  801377 801377	SCOMBRIDAE SCOMBER SCOMBRUS AS FOOD FOR FISH XIPHIIDAE XIPHIAS GLADIUS AS PREDATOR GONOSTOMATIDAE MAUROLICUS MUELLERI THUNNUS ALALUNGA AS PREDATOR MACRORHAMPHOSIDAE MACRORHAMPHOSUS GRACILIS TETRAGONURIDAE TETRAGONURUS CUVIERI ALEPISAUROIDEAE ALEPISAUROIDEAE ANOTOPTERIDAE ANOTOPTERUS PHARAO PARALEPIDIDAE LESTIDIUM RINGENS SCOPELARCHIDAE BENTHABELLA LINGUIDENS STERNOPTYCHIDAE	802313  802132  801858 801858 801858 801858 801858 801858

THUNNUS ALBACARES AS PREDATOR LOPHOTIDAE LOPHOTES CRISTATUS ALEPISAUROIDAE ALEPISAURUS FEROX THUNNUS OBESUS AS PREDATOR LOPHOTIDAE LOPHOTES CRISTATUS	801858    801858  801858	POECILIIDAE GAMBUSIA AS FOOD FOR FISH CYPRINIDAE ASPIUS ASPIUS GAMBUSIA AFFINIS AS FOOD FOR FISH MEGALOPIDAE MEGALOPS ATLANTICA	ENVIRONMENTAL FACTORS (CONTINUED)   802045  800417	FISH-TO-FISH RELATIONSHIPS
XIPHIIDAE XIPHIAS GLADIUS AS FOOD FOR FISH ISURIDAE ISURUS OXYRINCHUS	   801949	SCOMBERESOCIDAE COLLABIS SAIRA AS FOOD FOR FISH CARANGIDAE TRACHURUS SYMMETRICUS ANOPLOPOMATIDAE ANOPLOPOMA FIMBRIA SALMONIDAE ONCORHYNCHUS KISUTCH	   802402 802402 802402	
PLEURONECTIFORMES AS FOOD FOR FISH OPHIIDAE OTOPHIDIUM SCRIPPSI	  802866	CLUPEIDAE AS FOOD FOR FISH SCOMBRIDAE EUTHYNNUS ALLETTERATUS BREVOORTIA PATRONUS AS FOOD FOR FISH SCIAENIDAE SCIAENOPS OCELLATA CLUPEA HARENGUS AS FOOD FOR FISH PERCIDAE PERCA FLUVIATILIS STIZOSTEDION LUCIOPERCA	  802997  802994  802489 802489 803196	
PLEURONECTIDAE LIMANDA FERRUGINEA AS PREDATOR EGG AMMODYTIDAE AMMODYTES DUBIUS	   802544	XIPHIIDAE XIPHIAS GLADIUS CYPRINIDAE ASPIUS ASPIUS GADIDAE GADUS MORHUA MICROMESISTIUS POUTASSOU	  802313 803196 802489 801133	
COTTIDAE AS FOOD FOR FISH ACIPENSEROMORPHA ACIPENSER TRANSMONTANUS COTTUS ASPER AS PREDATOR SALMONIDAE ONCORHYNCHUS NERKA COTTUS COGNATUS AS PREDATOR EGG SALMONIDAE ONCORHYNCHUS NERKA SCORPAENICHTHYS MARMORATUS AS PREDATOR EGG HEXAGRAMMIDAE OPHIODON ELONGATUS	  802599  802531  802298  801067	ENGRAULIDAE ENGRAULIS ENCRASICOLUS AS FOOD FOR FISH POMATOMIDAE POMATOMUS SALTATRIX STOLEPHORUS AS FOOD FOR FISH CENTROPOMIDAE AMBASSIS GYMNOCEPHALUS AMBASSIS KOPSII	  802018  803361 803361	
COTTOCOMEPHORIDAE COTTOCOMEPHORUS GREWINGKI AS FOOD FOR FISH SALMONIDAE COREGONUS AUTUMNALIS THYMALLUS ARCTICUS	  802496 802496	ANGUILLIDAE AS PREDATOR GALAXIIDAE GALAXIAS MACULATUS	  803235	
SCORPAENIDAE SEBASTES MARINUS AS FOOD FOR FISH XIPHIIDAE XIPHIAS GLADIUS SEBASTODES AS PREDATOR ARGENTINIDAE ARGENTINA SIALIS	  802313  801858	CHARACIDAE MICRALESTES ACUTIDENS ALESTES AS FOOD FOR FISH CHARACIDAE HYDROCYON VITTATUS	  802935	
BALISTIDAE AS FOOD FOR FISH LUTJANIDAE LUTJANUS BOHAR	  803086	CATOSTOMIDAE ERIMYZON AS FOOD FOR FISH ESOCIDAE ESOX LUCIUS	  802694	
ATHERINIDAE ATHERINA MOCHON AS FOOD FOR FISH POMATOMIDAE POMATOMUS SALTATRIX MENIDIA AUDENS AS FOOD FOR FISH SEMIONOTOMORPHA LEPISOSTEUS OSSEUS	  802018  800396	CYPRINIDAE AS FOOD FOR FISH ESOCIDAE ESOX LUCIUS ALBURNOIDES BIPUNCTATUS AS FOOD FOR FISH CYPRINIDAE ASPIUS ASPIUS LEUCISCUS RUTILUS AS FOOD FOR FISH PERCIDAE PERCA FLUVIATILIS PTYCHOCEILUS OREGONENSE AS PREDATOR SALMONIDAE	  802694  802045  802460	



CARASSIUS AURATUS	801580	GILA MOHAVENSIS	803334	ENVIRONMENTAL FACTORS (CONTINUED)
PLECOGLOSSIDAE		GILA ORCUTII	802870	
PLECOGLOSSUS ALTIVELIS	801580	LABEO UMBRATUS	802870	GEOGRAPHIC DISTRIBUTION
SALMONIDAE		NOTROPIS LUTRENSIS	802689	
SALMO GAIRDNERII	801580	NOTROPIS VENUSTUS	800137	
		PIMEPHALES PROMELAS	802225	
		RHINICHTHYS OSCULUS	800279	
		ZACCO PLATYPUS	802870	
		CLARIIDAE	801005	
		CLARIAS BATRACHUS	801649	
		ICTALURIDAE		
		ICTALURUS CATUS	800279	
		ICTALURUS MELAS	803153	
		OSTEOGLOSSIDAE	800174	
		SALMONIDAE	802690	
		SALMO TRUTTA	802596	
<b>DISTRIBUTION</b>		<b>REDUCTION OF RANGE BY NATURAL MEANS</b>		
ELASMOBRANCHII	802537	AMMODYTIDAE		
TELEOSTEI	802537	AMMODYTES HEXAPTERUS	800407	
	802541	PLEURONECTIDAE		
CICHLIDAE		ATHERESTHES STOMIAS	800407	
APISTOGRAMMA RAMIREZI	800028	COTTIDAE		
SCOMBRIDAE		MALACOCOTTUS ZONURUS	800407	
EUTHYNNUS PELAMIS	801775	GADIDAE		
EGG		LOTA LOTA	800246	
PLEURONECTIDAE	801459	MICROGADUS PROXIMUS	800407	
PLATICHTHYS FLESUS	800972	THERAGRA CHALCOGRAMMUS	800407	
ENGRAULIDAE				
ENGRAULIS ENCRASICOLUS	800972			
GADIDAE	801459			
MERLUCCIIDAE				
MERLUCCIUS BILINEARIS	802484			
LARVA				
CARANGIDAE				
TRACHURUS SYMMETRICUS	801610			
SCOMBRIDAE				
SCOMBER JAPONICUS	801610			
CLUPEIDAE				
SARDINOPS CAERULEA	801610			
ENGRAULIDAE				
ENGRAULIS MORDAX	801610			
	803494			
MERLUCCIIDAE				
MERLUCCIUS PRODUCTUS	801610			
	803494			
<b>EXPANSION OF RANGE BY NATURAL MEANS</b>		<b>REDUCTION OF RANGE BY MAN</b>		
PETROMYZONTOMORPHA		PETROMYZONTOMORPHA		
LAMPETRA MARIAE	801364	LAMPETRA FLUVIATILIS	801148	
COTTIDAE		SQUALIDAE		
COTTUS	801364	ETMOPTERUS SPINAX	800727	
TETRAODONTIDAE		SOMNIOSUS MICROCEPHALUS	800727	
CANTHIGASTER AMBOINENSIS	802220	ACIPENSEROMORPHA		
CYPRINIDAE	801364	ACIPENSER STURIO	801148	
PIMEPHALES PROMELAS	802702		802711	
SILURIDAE		HUSO HUSO	800930	
SILURUS GLANIS	801364	CHANNIFORMES		
ESOCIDAE		CHANNA ORIENTALIS	801430	
ESOX LUCIUS	801364	OSPHRONEMIDAE		
SALMONIDAE		OSPHRONEMUS GORAMY	801430	
ONCORHYNCHUS GORBUSCHA	802861	NANDIDAE		
ONCORHYNCHUS KETA	802861	NANDUS NEBULOSUS	801430	
ONCORHYNCHUS NERKA	802768	PRISTOLEPIS FASCIATUS	801430	
SALMO TRUTTA	801364	SERRANIDAE		
		MORONE CHRYSOPS	800152	
		PLEURONECTIDAE		
		HIPPOGLOSSUS HIPPOGLOSSUS	800727	
		ICELIDAE		
		ARTEDIELLUS UNCINATUS	800727	
		ICELUS BICORNIS	800727	
		CYPRINODONTIDAE		
		CRINICHTHYS BAILEYI	800137	
		EMPETRICHTHYS LATOS	800137	
		POECILIIDAE		
		POECILIOPSIS OCCIDENTALIS	800137	
		CLUPEIDAE		
		ALOSA ALOSA	801148	
		ALOSA SAPIDISSIMA	800360	
		COBITIDAE		
		ACANTHOPHTHALMUS KUHLLI	801430	
		CYPRINIDAE		
		BARBUS BARBUS	801148	
		BARBUS TREURENSIS	802901	
		MEDA FUNGIDA	800137	
		MOAPA CORIAEEA	800137	
		OSTEOCHILUS SPILURUS	801430	
		PLAGOPTERUS ARGENTISIMUS	800137	
		PROBARBUS JULLIENI	801430	
		PTYCHOCHILUS LUCIUS	800137	
		PUNTIUS DUNCKERI	801430	
		RASBORA BANKANENSIS	801430	
		RASBORA CEPHALOTAENIA	801430	
		RASBORA MACULATA	801430	
		XYRAUCHEN TEXANUS	800137	
		AMBYCIPITIDAE		
		PARAKYSIS VERRUCOSA	801430	
		BAGRIDAE		
		MYSTUS GULIO	801430	
		LORICARIIDAE		
		HYPOSTOMUS	802883	
		PANGASIIDAE		
		PANGASIANODON GIGAS	801431	
		PANGASIUUS SANITWONGSEI	801431	
		SILURIDAE		
		OMPOK LEIACANTHUS	801430	
		SILURUS GLANIS	801148	
		SISORIDAE		
		GLYPTOTHORAX MAJOR	801430	
		OSTEOGLOSSIDAE		
		SCLEROPAGES FORMOSUS	801431	
		GADIDAE		
		LOTA LOTA	800246	
		APLOCHITONIDAE		
		PROTODOTROCTES OXYRHYNCHUS	802690	
		GALAXIIDAE	802690	
		SALMONIDAE	801148	
		SALMO SALAR	800360	
ANGUILLIDAE				
ANGUILLA ANGUILLA	801795			
CATOSTOMIDAE				
CATOSTOMUS SANTAANAE	802870			
CYPRINIDAE				
BARBUS HOLUBI	802901			
CARASSIUS LANGSDORFII	801005			
CYPRINUS CARPIO	800279			

GEOGRAPHIC DISTRIBUTION (CONTINUED)	ENDEMISM TELEOSTEI	800264 802152 803011	LEPOMIS MACROCHIRUS MICROPTERUS DOLOMIEUI POMOXIS ANNULARIS CENTROPOMIDAE CICHLIDAE PERCIDAE ETHEOSTOMA NIGRUM PERCA FLAVESCENS	802748 800344 801877 800344 800174 800174 800344 802063 802392
POPULATION DYNAMICS			PERCA FLUVIATILIS	802650 801756 802048 802460 803321
	POPULATIONS		STIZOSTEDION CANADENSE STIZOSTEDION LUCIOPERCA STIZOSTEDION VITREUM	802156 801923 802156 802392 802406 802650 802902
	SQUALIDAE	802918		
	EMBIOTOCIDAE	802867		
	ZALEMBIUS ROSACEUS			
	SERRANIDAE	802764		
	MORONE SAXATILIS	802968 802287		
	SCOMBRIDAE			
	CLUPEIDAE	802373 802966		
	HILSA ILISHA			
	SARDINOPS CAERULEA	802150 802439		
	CYPRINIDAE			
	ABRAMIS BRAMA			
	SCHIZOPYGOPSIS STOLICZKA			
	GADIDAE	802143	SCIAENIDAE	
	TRISOPTERUS ESMARKII		APLODINOTUS GRUNNIENS	802156 802748
	SALMONIDAE	802885 802768 803168 803182 800068	SERRANIDAE	
	ONCORHYNCHUS KETA		MORONE CHRYSOPS	800344 802156
	ONCORHYNCHUS NERKA		SPARIDAE	
			STENOTOMUS CHRYSOPS	802973 802985
	SALVELINUS FONTINALIS		ISTIOPHORIDAE	
	HEMOGLOBIN		MAKAIRA NIGRICANS	801977
	SALMONIDAE		SCOMBRIDAE	802287
	SALMO SALAR	802603	SCOMBER SCOMBRUS	802006
	INFRASPECIFIC VARIATION		THUNNUS ALALUNGA	801977
	CICHLIDAE		THUNNUS ALBACARES	801977
	TILAPIA ZILLII	803069		803366 801977
	POLYMORPHISM		THUNNUS OBESUS	
	HEMOGLOBIN		SCOPHTHALMIDAE	
	GASTEROSTEIDAE		SCOPHTHALMUS MAEOTICUS	802005
	GASTEROSTEUS ACULEATUS	802912 803290	COTTIDAE	
	SCHOOLING		COTTUS CAROLINAE	802156
	IDENTIFICATION		COTTUS GOBIO	801756
	SALMONIDAE		CYPRINODONTIDAE	
	ONCORHYNCHUS NERKA	802531	FUNDULUS OLIVACEUS	802156
			POECILIIDAE	
			GAMBUSIA AFFINIS	802156
			CLUPEIDAE	800174 802392 800344 802156
	POPULATION STRUCTURE		ALOSA CHRYSOCHLORIS	802000 802392 801971 802248
	ELASMOBRANCHII	802408 800834 802408	ALOSA PONTICA	801950
	TELEOSTEI		ALOSA PSEUDOHARENGUS	800344
	PERCIDAE		CLUPEA HARENGUS	802156 802748
	PERCA FLUVIATILIS	800966	CLUPEA SPRATTUS	800344
	STIZOSTEDION LUCIOPERCA	801923	DOROSOMA CEPEDIANUM	802156 802748
	POMACENTRIDAE			
	HYPSPYOPS RUBICUNDA	800777		
	ANOPLOPOMATIDAE			
	ANOPLOPOMA FIMBRIA	801815		
	POECILIIDAE			
	POECILIA FORMOSA	803216	DOROSOMA PETENENSE	800344 802156 802823
	POECILIA RETICULATA	801826		
	ENGRAULIDAE		SARDINOPS CAERULEA	
	ENGRAULIS MORDAX	801815	ENGRAULIDAE	
	CATOSTOMIDAE	801877	ENGRAULIS ENCRASICHOLUS	802004
	CATOSTOMUS CATOSTOMUS	802354	ENGRAULIS MORDAX	803494
	GADIDAE		ANGUILLIDAE	
	MICROMESISTIUS POUTASSOU	801982	ANGUILLA ANGUILLA	801756 802048
	ARGENTINIDAE			
	ARGENTINA SILUS	801124 801125	CHARACIDAE	800174
	ESOCIDAE		CITHARINIDAE	800174
	ESOX LUCIUS	800421 802354	DISTICHODONTIDAE	800174
	OSMERIDAE		HEPSETIDAE	800174
	MALLOTUS VILLOSUS	801118	CATOSTOMIDAE	802156
	SALMONIDAE	802354	CARPIOIDES VELIFER	802748
	ONCORHYNCHUS NERKA	800359	CATOSTOMUS	802392
	ONCORHYNCHUS TSHAWYTSCHA	801066	MOXOSTOMA	802392
	SALVELINUS MALMA	800998	MOXOSTOMA ERYTHRURUM	802748
	MERISTICS		COBITIDAE	
	GILL RAKERS		NOEMACHEILUS BARBATULUS	801756 800174 801756 802048 802156
	SALMONIDAE			
	COREGONUS MUKSUN	802795	ABRAMIS BALLERUS	802822
			ABRAMIS BRAMA	803190 803495 801756 802156 801756 802156
	POPULATION CHANGES	802446	BARBUS BARBUS	802392
	PETROMYZONTOMORPHA		CARASSIUS AURATUS	801455
	PETROMYZON MARINUS	802392	CHONDROSTOMA NASUS	801658
	ACIPENSEROMORPHA	802486	CYPRINUS CARPIO	802392 801756
	ACIPENSER FULVESCENS	802392		
	SEMIONOTOMORPHA	802156	GNATHOPOGON CAERULESCENS	802392 801455 801658 802392 801756
	TELEOSTEI	803378		
	GASTEROSTEIDAE		NOTROPIS ATERINOIDES	
	GASTEROSTEUS ACULEATUS	802343	PHOXINUS PHOXINUS	
	ACANTHURIDAE		ICTALURIDAE	
	ACANTHURUS	802134	ICTALURUS MELAS	802650
	Gobiidae		ICTALURUS PUNCTATUS	802156 802708 802748
	BUBBYR CAUCASICUS	803324		
	NEOGOBIIUS FLUVIATILIS	803324	HIODONTIDAE	
	SCARIDAE	802134	HIODON TERGISUS	800344 802156 802659 800174
	CARANGIDAE			
	TRACHURUS SYMMETRICUS	802871	MORMYRIDAE	
	CENTRARCHIDAE	802156	OSTEOGLOSSIDAE	
			GADIDAE	

GADUS MORHUA	802300	OSPHRONEMUS GORAMY	801430	POPULATION DYNAMICS (CONTINUED)
LOTA LOTA	801756	BLENNIIDAE		
TRISOPTERUS ESMARKII	802392	OPHIOBLENNIUS ATLANTICUS	801917	
	801128	Gobiidae		
	801950	NEOGOBIOUS FLUVIATILIS	802453	
	801984		803196	
ESOCIDAE		NEOGOBIOUS MELANOSTOMUS	803196	
ESOX LUCIUS	801756	PROTERORHINUS MARMORATUS	802453	
	802048	CARANGIDAE		
OSMERIDAE		SERIOLA QUINQUERADIATA	800483	
OSMERUS MORDAX	802392	TRACHURUS SYMMETRICUS	801778	
SALMONIDAE		CENTRARCHIDAE		
COREGONUS ALPENAE	802392	LEPOMIS	801377	
COREGONUS ARTEIDII	802392	LEPOMIS MACROCHIRUS	802532	
COREGONUS CLUPEAFORMIS	802392		802652	
	802902		802723	
COREGONUS HOYI	802392	LEPOMIS MEGALOTIS	801877	
	802749	MICROPTERUS SALMOIDES	801377	
COREGONUS JOHANNAE	802392	POMOXIS NIGROMACULATUS	802532	
COREGONUS KIYI	802392	NANDIDAE		
COREGONUS NIGRIPINNIS	802392	NANDUS NEBULOSUS	801430	
COREGONUS REIGHARDI	802392	PERCIDAE	800147	
COREGONUS ZENITHICUS	802392	PERCA FLAVESCENS	802453	
	802749	PERCA FLUVIATILIS	801443	
ONCORHYNCHUS GORBUSCHA	802339	SCIAENIDAE		
ONCORHYNCHUS KETA	802339	APLODINOTUS GRUNNIENS	802775	
ONCORHYNCHUS KISUTCH	801908	SPARIDAE		
	802339	STENOTOMUS CHRYSOPS	801776	
	802342	SCOMBRIDAE		
	802343	EUTHYNNUS	802887	
ONCORHYNCHUS NERKA	802342	EUTHYNNUS PELAMIS	801819	
ONCORHYNCHUS TSHAWYTSCHA	801978	KATSUWONUS PELAMIS	801819	
	802339	THUNNUS	802887	
SALMO GAIRDNERII	800344	THUNNUS OBESUS	800897	
	802156	TRICHIURIDAE		
SALMO SALAR	801950	LEPIDOPUS XANTUSI	801858	
SALMO TRUTTA	801756	STROMATEIDAE		
	801950	PEPRILUS TRIACANTHUS	801776	
SALVELINUS FONTINALIS	802376	BOTHIDAE		
SALVELINUS MALMA	802340	CYCLOPSETTA CHITTENDENI	802791	
SALVELINUS NAMAYCUSH	802392	PARALICHTHYS OBLONGUS	801776	
	802407	SCOPHTHALMUS AQUOSUS	801776	
	802902	PLEURONECTIDAE	801776	
THYMALLUS ARCTICUS	802352	SCOPHTHALMIDAE		
YOUNG		SCOPHTHALMUS AQUOSUS	801776	
ACIPENSEROMORPHA		COTTIDAE		
HUSO HUSO	803296	COTTUS GOBIO	801503	
LAKE IMPROVEMENT			802255	
GASTEROSTEIDAE		COTTUS POECILOPUS	802255	
GASTEROSTEUS ACULEATUS	802559	HEMITRIPTERUS AMERICANUS	801776	
PUNGITIUS PUNGITIUS	802559	MYOXOCEPHALUS OCTODECEMSPINOSUS	801776	
CYPRINODONTIDAE		SCORPAENIDAE	801778	
FUNDULUS DIAPHANUS	802559	SEBASTES MARINUS	801776	
CATOSTOMIDAE		ATHERINIDAE		
CATOSTOMUS COMMERSONII	802559	MENIDIA AUDENS	801377	
CYPRINIDAE	802559	EXOCOETIDAE	803184	
ARTIFICIAL REEFS		SCOMBERESOCIDAE		
TELEOSTEI	801890	COLOLABIS SAIRA	801778	
HABITAT DESTRUCTION		CLUPEIDAE		
FAST FLOWING STREAMS		ALOSA PSEUDOHARENGUS	801776	
CATOSTOMIDAE		CLUPEA HARENGUS	800866	
CATOSTOMUS CATOSTOMUS	802771		801776	
CATOSTOMUS COMMERSONII	802771		802138	
SALMONIDAE		DOROSOMA	801377	
PROSOPIUM WILLIAMSONI	802771	SARDINOPS CAERULEA	801778	
SALMO GAIRDNERII	802771		802966	
SALMO TRUTTA	802771	ENGRAULIDAE		
SALVELINUS FONTINALIS	802771	ENGRAULIS MORDAX	801778	
HABITAT EUTROPHICATION		ANGUILLIDAE		
CENTRARCHIDAE	802980	ANGUILLA ANGUILLA	801443	
PERCIDAE	802980		801503	
ANGUILLIDAE		ANGUILLA AUSTRALIS	802255	
ANGUILLA ROSTRATA	802980	ANGUILLA DIEFFENBACHII	803179	
CATOSTOMIDAE	802980	CATOSTOMIDAE	801877	
CYPRINIDAE	802980	ERIMYZON TENUIS	802638	
ICTALURIDAE	802980	COBITIDAE		
APHREDODERIDAE		ACANTHOPHTHALMUS KUHII	801430	
APHREDODERUS SAYANUS	802980	COBITIS	802453	
ESOCIDAE		NOEMACHEILUS BARBATULUS	801503	
ESOX NIGER	802980		802255	
ESOX AMERICANUS	802980	CYPRINIDAE	801443	
UMBRIDAE		LEUCASPIUS DELINEATUS	802453	
UMBRA PYGMAEA	802980	LEUCISCUS CEPHALUS	802255	
		LEUCISCUS LEUCISCUS	802255	
		LEUCISCUS RUTILUS	802453	
		NOTROPIS	801377	
		NOTROPIS CHRYSOCEPHALUS	801877	
		PHOXINUS PHOXINUS	801503	
			802255	
		PIMEPHALES	801377	
		RASBORA BANKANENSIS	801430	
		RUTILUS RUTILUS	802255	
		AMBLYCIPITIDAE		
		PARAKYSIS VERRUCOSA	801430	
		ICTALURIDAE		
		ICTALURUS MELAS	802651	
		ICTALURUS PUNCTATUS	802533	
		SISORIDAE		
		GLYPTOTHORAX MAJOR	801430	
		GADIDAE	801776	
		MICROMESISTIUS POUTASSOU	801950	
		MERLUCCIIDAE		
		MERLUCCIIUS BILINEARIS	801776	
		MERLUCCIIUS CAPENSIS	801981	
		MERLUCCIIUS PRODUCTUS	801778	
		ZOARCIDAE		
CYCLES OF ABUNDANCE				
OSMERIDAE				
MALLOTUS VILLOSUS	801117			
SALMONIDAE				
ONCORHYNCHUS NERKA	800359			
POPULATION DENSITY	802329			
PETROMYZONTOMORPHA				
LAMPETRA	802255			
RAJIDAE	801776			
SQUALIDAE				
SQUALUS ACANTHIAS	801776			
GASTEROSTEIDAE				
PUNGITIUS	802453			
MACRORHAMPHOSIDAE				
MACRORHAMPHOSUS GRACILIS	801858			
OSPHRONEMIDAE				

POPULATION DYNAMICS (CONTINUED)	MACROZOARCES AMERICANUS	801776	SALMO TRUTTA	800510
	LOPHIIDAE		SALVELINUS FONTINALIS	800510
	LOPHIUS AMERICANUS	801776		
	PERCOPSIDAE			
	PERCOPSIS OMISCOMAYCUS	802378		
	ARGENTINIDAE		POPULATION BALANCE	
	ARGENTINA SILUS	801776	TELEOSTEI	800834
	ESOCIDAE		EXPANSION OF RANGE BY MAN	
	ESOX LUCIUS	801443	PETROMYZONTOMORPHA	
	MYCTOPHIDAE		PETROMYZON MARINUS	802392
	DIAGENICHTHYS LATERNATUS	801778	CLUPEIDAE	802392
	SALMONIDAE	800768		
	ONCORHYNCHUS KISUTCH	802341		
		802343		
	ONCORHYNCHUS NERKA	802768		
	ONCORHYNCHUS TSHAWYTSCHA	802341		
		802344		
		802345	INTRASPECIFIC COMPETITION	
		802349	CYPRINIDAE	
		802746	SCHIZOPYGOPSIS STOLICZKAI	802439
		800978	SALMONIDAE	
		802255	ONCORHYNCHUS NERKA	802531
		802341		
		802746		
	SALMO SALAR	801950		
		801950	INTERSPECIFIC COMPETITION	
	SALMO TRUTTA	800978	PETROMYZONTOMORPHA	
		801440	PETROMYZON MARINUS	802392
		801503	TELEOSTEI	801139
		801950		801498
		802255		
		803084	GASTEROSTEIDAE	
		803179	GASTEROSTEUS ACULEATUS	802531
		802255	PUNGITIUS PUNGITIUS	802531
		802341	PERCIDAE	
		802573	PERCA FLUVIATILIS	801443
		802255		802824
				803321
	GONOSTOMATIDAE			801923
	VINCIGUERRIA LUCETIA	801778	STIZOSTEDION LUCIOPERCA	
	EGG		SCIAENIDAE	
	PLEURONECTIDAE		MICROPOGON UNDULATUS	802763
	PLEURONECTES PLATESSA	800353	SERRANIDAE	
	CLUPEIDAE		MORONE CHRYSOPS	800152
	CLUPEA HARENGUS	801447	MORONE MISSISSIPPIENSIS	800152
		801888	MORONE SAXATILIS	802763
		801562	COTTIDAE	
	SARDINA PILCHARDUS		COTTUS ALEUTICUS	800781
	GADIDAE		COTTUS PERPLEXUS	800009
	THERAGRA CHALCOGRAMMUS	803185	POECILIIDAE	
	LARVA		GAMBUSIA AFFINIS	800137
	CLUPEIDAE			803212
	CLUPEA HARENGUS	802248	POECILOPSIS OCCIDENTALIS	800137
	FRY		CLUPEIDAE	802392
	ESOCIDAE		CLUPEA HARENGUS	801133
	ESOX LUCIUS	802972	SARDINOPS CAERULEA	802823
	YOUNG		ENGRAULIDAE	
	ACIPENSEROMORPHA		ENGRAULIS MORDAX	802823
	ACIPENSER GULDENSTAEDTI	803296	ANGUILLIDAE	
	ACIPENSER RUTHENUS	803296	ANGUILLA ANGUILLA	801443
	ACIPENSER STELLATUS	803296	ANGUILLA AUSTRALIS	803179
	ACIPENSER NUDIVENTRIS	803296	ANGUILLA DIEFFENBACHII	803179
	HUSO HUSO	803296	ALBULIDAE	
	NEST CONSTRUCTION		ALBULA NEMOPTERA	801822
	EGG		ALBULA VULPES	801822
	LARVA		CHARACIDAE	
	SALMONIDAE		HYDROCYNUS	801498
	ONCORHYNCHUS GORBUSCHA	802965	CYPRINIDAE	801443
			ABRAMIS BRAMA	801925
			CHONDROSTOMA NASUS	801390
			NOTROPIS ATERINOIDES	802392
			PIMEPHALES PROMELAS	802702
			RUTILUS RUTILUS	803321
	DENSITY DEPENDENT REGULATION	802446	GADIDAE	
	TELEOSTEI	800834	LOTA LOTA	802392
	PERCIDAE		MICROMESISTIUS POUTASSOU	801133
	PERCA FLUVIATILIS	803018	TRISOPTERUS ESMARKII	801128
	CLUPEIDAE		MERLUCCIIDAE	
	CLUPEA HARENGUS	801112	MERLANGUS MERLANGUS	801128
		803163	MERLUCCIIUS BILINEARIS	801123
	GADIDAE		ARGENTINIDAE	
	ELEGINUS NAVAGA	803186	ARGENTINA SILUS	801123
	SALMONIDAE		ESOCIDAE	
	SALMO TRUTTA	802977	ESOX LUCIUS	801443
	RATE OF GROWTH		GALAXIIDAE	802690
	CARANGIDAE		OSMERIDAE	
	TRACHINOTUS CAROLINUS	803178	HYPOMESUS OLIDUS	802531
			SALMONIDAE	802690
			COREGONUS ALPENAE	802392
	POPULATION DIVERSITY		COREGONUS CLUPEAFORMIS	802531
	TELEOSTEI	801498	COREGONUS JOHANNAE	802392
	CENTRARCHIDAE	800786	COREGONUS NIGRIPINNIS	802392
	LEPOMIS AURITUS	800510	COREGONUS REIGHARDI	802392
	PERCIDAE		ONCORHYNCHUS GORBUSCHA	800781
	ETHEOSTOMA OLMSTEDI	800510	ONCORHYNCHUS NERKA	802531
	PERCINA PELTATA	800510	SALMO CLARKII	800009
	COTTIDAE		SALMO TRUTTA	801390
	COTTUS BAIRDII	800510		803179
	COTTUS COGNATUS	800510	SALVELINUS NAMAYCUSH	802392
	CYPRINODONTIDAE		THYMALLUS THYMALLUS	801390
	FUNDULUS DIAPHANUS	800510		802425
	CATOSTOMIDAE		MATHEMATICAL POPULATION MODELS	801686
	CATOSTOMUS COMMERSONII	800510	SCHOOLING	803290
	HYPENTELIUM NIGRICANS	800510	EXPERIMENTAL ANALYSIS	
	CYPRINIDAE	800510	SALMONIDAE	
	ICTALURIDAE		ONCORHYNCHUS KETA	802234
	NOTURUS INSIGNIS	800510	EFFECT ON FISH	
	SALMONIDAE		FECUNDITY	
			PERCIDAE	



PERCA FLUVIATILIS	802801	MORONE SAXATILIS	802764 802968	POPULATION DYNAMICS (CONTINUED)
AGE CLASS DISTRIBUTION	802452	SPARIDAE	802985	
ACIPENSEROMORPHA		STENOTOMUS CHRYSOPS	803388	
ACIPENSER TRANSMONTANUS	802599	SCOMBRIDAE	801848	
MUGILOIDEI		EUTHYNNUS PELAMIS	802440	
ALDRICHETTA FORSTERI	802677	THUNNUS ALALUNGA	802440	
CENTRARCHIDAE		THUNNUS ALBACARES		
MICROPTERUS SALMOIDES	802154	THUNNUS OBESUS		
PERCIDAE		PLEURONECTIDAE	802908	
STIZOSTEDION LUCIOPERCA	803074	PLEURONECTES PLATESSA	801888	
SERRANIDAE		REINHARDTIUS HIPPOGLOSSOIDES		
MORONE SAXATILIS	802968 802986	SCORPAENIDAE	801805 801806	
SCOMBRIDAE		SEBASTODES ALUTUS		
THUNNUS ALALUNGA	801848	CLUPEIDAE	802766	
THUNNUS OBESUS	800897	HILSA ILISHA		
BOTHIDAE		CYPRINIDAE	802534	
CYCLOPSETTA CHITTENDENI	802791	NOTROPIS LUTRENSIS	802534	
PLEURONECTIDAE		PIMEPHALES NOTATUS		
HIPPOGLOSSUS STENOPELIS	801221 802151 801097 802521	ARIIDAE	803421	
LIMANDA ASPERA		TACHYSURUS SONA		
PLEURONECTES PLATESSA		GADIDAE	801803	
SCOPHTHALMIDAE	802005	GADUS MACROCEPHALUS		
SCOPHTHALMUS MAEOTICUS		OPHIIDAE	802866	
ANOPLOPOMATIDAE		OTOPHIDIUM SCRIPPSI		
ANOPLOPOMA FIMBRIA	800755	SALMONIDAE	802768	
SCORPAENIDAE		ONCORHYNCHUS NERKA	802391	
SEBASTES MENTELLA	800997	PROSOPIUM CYLINDRACEUM	802914	
CLUPEIDAE		SALMO TRUTTA	803084 802781	
ALOSA MAEOTICA	802023	SALVELINUS NAMAYCUSH		
ALOSA NORDMANNI	802023	LARVA		
ALOSA PONTICA	802023	CLUPEIDAE	802423	
CLUPEA HARENGUS	800756 800997 801001 801966 802138	CLUPEA HARENGUS		
ENGRAULIDAE		CONGRIDAE	802900	
ENGRAULIS ENCRASICHOLUS	802004	CONGER MYRIASTER		
ENGRAULIS RINGENS	801311	SEASONAL CHANGES		
CYPRINIDAE		SPARIDAE	802973	
ABRAMIS BALLERUS	802822	STENOTOMUS CHRYSOPS		
ABRAMIS BRAMA	802452 803495	BOTHIDAE	802791	
CHONDROSTOMA NASUS	802947	CYCLOPSETTA CHITTENDENI		
CYPRINUS CARPIO	802485			
TINCA TINCA	802448	WEIGHT FREQUENCY		
ICTALURIDAE		CARCHARINIDAE	803241	
ICTALURUS PUNCTATUS	802708	SPHYRNIDAE		
GADIDAE		SPHYRNA MOKARRAN	803241	
ELEGINUS NAVAGA	801138 803186 802300 801132 801127 801984	POPULATION BIOENERGETICS		
GADUS MORHUA		TELEOSTEI	800135 800136	
MICROMESISTIUS POUTASSOU		CENTRARCHIDAE		
TRISOPTERUS ESMARKII	801984	LEPOMIS MACROCHIRUS	800382	
ESOCIDAE		MICROPTERUS SALMOIDES	800557	
ESOX LUCIUS	802356	SALMONIDAE		
OSMERIDAE		SALMO SALAR	801503	
MALLOTUS VILLOSUS	801117 801122 802521 803322	SALMO TRUTTA	801503 802334	
SALMONIDAE		AVAILABILITY AND USE OF FOOD		
COREGONUS HOYI	802749	TELEOSTEI	801139	
ONCORHYNCHUS KETA	802109	LABRIDAE		
ONCORHYNCHUS TSHAWYTSCHA	802341 802344 802345	LABROIDES PHTHIROPHAGUS	802628	
PROSOPIUM CYLINDRACEUM	802391	CENTRARCHIDAE		
SALMO GAIRDNERII	801497 802344 801440 801494 801497 800998 802340 801028 802356 803075	AMBLOPLITES RUPESTRIS	802420	
SALMO TRUTTA		LEPOMIS GIBBOSUS	802420	
SALVELINUS MALMA		LEPOMIS MACROCHIRUS	802420	
SALVELINUS NAMAYCUSH		PERCIDAE		
STENODUS LEUCICHTHYS		PERCA FLAVESCENS	802420 803009 802824 803321 802736	
THYMALLUS THYMALLUS		PERCA FLUVIATILIS		
LARVA		PERCINA CAPRODES		
ACIPENSEROMORPHA		COTTIDAE	800009	
ACIPENSER GUELDESTAEDTI	803200	COTTUS PERPLEXUS		
ACIPENSER RUTHENUS	803200	ATHERINIDAE		
HUSO HUSO	803200	LABIDESTHES SICCULUS	802736	
SEASONAL RACES		CYPRINODONTIDAE		
SALMONIDAE		FUNDULUS DIAPHANUS	802420 802425	
SALMO ISCHCHAN	801509	POECILIIDAE		
LENGTH FREQUENCY		POECILIA RETICULATA	801826	
CARCHARINIDAE	803241	CLUPEIDAE		
SPHYRNIDAE		ALOSA PSEUDOHARENGUS	802904	
SPHYRNA MOKARRAN	803241	SARDINOPS CAERULEA	802823	
AMMODYTIDAE		ENGRAULIDAE		
AMMODYTES DUBIUS	802544	ENGRAULIS ENCRASICHOLUS	803165	
GOBIIDAE		ENGRAULIS ENCRASICOLUS	803165	
GLOSSOGOBIOUS GIURUS	801946	CYPRINIDAE	802046	
SCIAENIDAE		CYPRINUS CARPIO	800836	
CYNOSCION NOBILIS	803096	ICTALURIDAE		
SERRANIDAE		ICTALURUS MELAS	800135	
		UMBRIDAE		
		UMBRA LIMI	802425	
		GALAXIIDAE		
		GALAXIAS MACULATUS	803235	
		SALMONIDAE		
		COREGONUS AUTUMNALIS	802828	

POPULATION DYNAMICS (CONTINUED)	SALMO GADOMER	803009	STICHAETIDAE	
	SALMO TRUTTA	803079	PLECTROBRANCHUS EVIDES	802604
	SALVELINUS FONTINALIS	800282	EMBIOTOCIDAE	
BEHAVIOR		802334	CYMATOGASTER AGGREGATA	802604
	SEASONAL CHANGES		BATHYMASTERIDAE	
	CYPRINIDAE		RONQUILUS JORDANI	802604
	LABRINUS BRAMA	802451	BOTIIDAE	
CYCLICAL CHANGES	EXPERIMENTAL ANALYSIS		CITHARICHTHYS SORDIDUS	802604
	SEMIONOTOMORPHA		CITHARICHTHYS STIGMAEUS	802604
	LEPISOSTEUS PLATOSTOMUS	802105	PLEURONECTIDAE	802604
	GASTEROSTEUS		AGONIDAE	802604
	GASTEROSTEUS ACULEATUS	801735	COTTIDAE	802604
	OLUPEIDAE		CYCLOPTERIDAE	
	ALOSA PSEUDOHARENGUS	803009	CAREPROCTUS MELANURUS	802604
	ESOCIDAE		RHINOLIPARIS ATTENUATUS	802604
	ESOX LUCIUS	802694	ANOPLOPOMATIDAE	
	LARVA		ANOPLOPOMA FIMBRIA	802604
	CYPRINIDAE		HEXAGRAMMIDAE	
	RUTILUS RUTILUS	803497	OPHODON ELONGATUS	802604
	FAST FLOWING STREAMS		SCORPAENIDAE	802604
	SALMONIDAE		GADIDAE	
	SALMO TRUTTA	802375	MICROGADUS PROXIMUS	802604
			MACROURIDAE	
			CORYPHAENOIDES ACROLEPIS	802604
			CORYPHAENOIDES PECTORALIS	802604
			MORIDAE	
			ANTIOPORA ROSTRATA	802604
			ZOARCIDAE	802604
			ALEPOCEPHALOIDAE	
			ALEPOCEPHALUS CONVEXIFRONS	802604
FOOD CHAINS		802322		
	ELASMOBRANCH-	801637		
	TELEOSTE	801637		
		801706		
	SIGANIDAE			
	SIGANUS FUSCESCENS	802516		
	PHOLIDAE			
	ENEORAS NEBULOSUS	802516		
	GOBIIDAE			
	ACANTHOGOBUS FLAVIMANUS	802516		
	MUGILOIDE			
	MUGIL CEPHALUS	802516		
	CENTRARCHIDAE			
	MICROPTERUS SALMOIDES	800557		
	CICHLIDAE	801041		
	EMBLOTIDAE			
	CITREMA TEMMINCKI	802516		
	KYRINIDAE			
	GIRELLA PUNCTATA	802516		
	LEOGNATHIDAE			
	LEOGNATHUS NUCHALIS	802516		
	PERCIDAE			
	ACERINA CERNA	801546		
	STZOSTEDION LUCOPERA	801546		
	SERRANIDAE			
	LATEOLABRAX JAPONICUS	802516		
	HERAPONIDAE			
	HERAPON OXYRHYNCHUS	802516		
	PLEURONECTIDAE			
	PARALUS B. COLORATUS	802516		
	HEXAGRAMMIDAE			
	HEXAGRAMMUS OTAKI	802516		
	SCORPAENIDAE			
	SEBASTES OBLONGUS	802516		
	SEBASTODES NERMIS	802516		
	BALISTIDAE			
	BALISTUS ERCOIDES	802516		
	TETRAODONTIDAE			
	EUGENIOPHOBES	802516		
	EYOCCETIDAE			
	HEMIRAMPHUS KURUMELUS	802516		
	OLUPEIDAE			
	HARENGULA ZUNAS	802516		
	SARDINOPS MELANOSTOMA	802516		
	ENGRAULIDAE			
	ENGRAULUS JAPONICA	802516		
	ANGUILLIDAE			
	ANGUILLA JAPONICA	802516		
	CHARACIDAE	801041		
	CYPRINIDAE	801546		
	CARASSUS AURATUS	802516		
	SCHIZALASTEENOXER	802516		
	HYPOPHthalmIDAE			
	HYPOPHthalmUS EDENTATUS	801041		
	LORICARIDAE			
	PTERYGOPHYCHTHYS MULTIRADIATUS	801041		
	OSTEOGLOSSIDAE			
	APAPAMAGGAS	801041		
	ESOCIDAE			
	ESOX LUCIUS	801546		
	SALANGIDAE			
	SALANGICHTHYS MICRODON	802516		
	OSMERIDAE			
	HYPOMESUS OLIDUS	802516		
	OSMERUS PERPLANUS	801546		
	SALMONIDAE			
	SALMO TRUTTA	801546		
COMMUNITY COMPARISONS				
	MYXINOMORPHA			
	EPITRETIUS DEAN	802604		
	EPITRETIUS STOUT	802604		
	CHMAEROMORPHA			
	HYDROLAGUS COLLE	802604		
	RAIIDAE	802604		
	SQUALIDAE			
	SQUALUS ACANTH-	802604		

PORICHTHYS POROSISSIMUS	800418	GOBIESOCIFORMES		CYCLICAL CHANGES (CONTINUED)
SYNODONTIDAE		GOBIESOX EUGRAMMUS	800996	
SYNODUS FOETENS	800418	SALMONIDAE		
COLORATION		ONCORHYNCHUS KETA	800759	
HOLOCENTRIDAE		ONCORHYNCHUS NERKA	800759	
MYRIPRISTIS LEIOGNATHUS	803000	YOUNG		
ACANTHURIDAE		PLEURONECTIDAE		
ZANCLUS CORNUTUS	803000	PLATICHTHYS FLESUS	802908	
LABRIDAE		PLEURONECTES FLESUS	802908	
PIMELOMETOPON PULCHRUM	803000	OUTDOOR CENSUS AND SAMPLING		
CHAETODONTIDAE		PLEURONECTIFORMES	801156	
HENIOCHUS NIGRIROSTRIS	803000	CIRCADIAN RHYTHMS		
POMACENTRIDAE		SALMONIDAE		
CHROMIS PUNCTIPINNIS	803000	ONCORHYNCHUS TSHAWYTSCHA	802410	
SCIAENIDAE		SALMO GAIRDNERII	802410	
CHEILOTREMA SATURNUM	803000	SEASONAL CHANGES		
COLOR CHANGE		PERCIDAE		
LEBIASINIDAE		PERCA FLUVIATILIS	802910	
NANNOSTOMUS BECKFORDI	801169	CYPRINIDAE		
LARVA		SCARDINIUS ERYTHROPHTHALMUS	802910	
PETROMYZONTOMORPHA		TINCA TINCA	802910	
GEOTRIA AUSTRALIS	801739	FEEDING		
MORDACIA MORDAX	801739	LARVA		
CONES		CYPRINIDAE		
POMATOMIDAE		CTENOPHARYNGODON IDELLA	802043	
POMATOMUS SALTATRIX	802667	EXPERIMENTAL ANALYSIS		
LARVA		CIRCADIAN RHYTHMS		
DAMS AND BARRIERS		SALMONIDAE		
PETROMYZONTOMORPHA		SALMO TRUTTA	802428	
LAMPETRA TRIDENTATA	802967	PSYCHEDELIC DRUG TREATMENT		
YOUNG		CYPRINIDAE		
DAMS AND BARRIERS		CARASSIUS AURATUS	801489	
SALMONIDAE				
ONCORHYNCHUS TSHAWYTSCHA	802967			
SALMO GAIRDNERII	802967			
DISTRIBUTION WITHIN HABITAT				
YOUNG		SLEEP		
COTTIDAE		SQUALOMORPHA	800007	
COTTUS ASPER	802556	SCARIDAE		
FEEDING		CRYPTOTOMUS ROSEUS	801949	
CENTRARCHIDAE		CHAETODONTIDAE	801917	
AMBLOPLITES RUPESTRIS	802420			
LEPOMIS MACROCHIRUS	802420			
LEPOMIS GIBBOSUS	802420			
PERCIDAE				
PERCA FLAVESCENS	802420	LUNAR RHYTHMS		
BOTHIDAE		SOUND PRODUCTION		
SCOPHTHALMUS MAXIMUS	802908	ARIIDAE		
SCOPHTHALMUS RHOMBUS	802908	GALEICHTHYS FELIS	803295	
PLEURONECTIDAE				
PLATICHTHYS FLESUS	802908			
PLEURONECTES PLATESSA	802908			
CYPRINODONTIDAE				
FUNDULUS DIAPHANUS	802420	SEASONAL CHANGES		
SOUND PRODUCTION		BAGRIDAE		
ARIIDAE		MYSTUS VITTATUS	800164	
GALEICHTHYS FELIS	803295	SALMONIDAE		
ATTRACTION TO PARENTS		SALMO GAIRDNERII	800298	
CICHLIDAE		OXYGEN CONSUMPTION		
TILAPIA NILOTICA	803418	SPARIDAE		
EXPERIMENTAL ANALYSIS		LAGODON RHOMBOIDES	801765	
ACTIVITY PATTERNS		CYPRINIDAE		
GASTEROSTEIDAE		CARASSIUS AURATUS	802368	
GASTEROSTEUS ACULEATUS	801916	LIPID AND FATTY ACID CONTENT		
CYPRINIDAE		CYPRINIDAE		
PHOXINUS PHOXINUS	803013	SCARDINIUS ERYTHROPHTHALMUS	800802	
SALMONIDAE		GLUCOSE CONTENT		
SALMO TRUTTA	802428	CATOSTOMIDAE		
EFFECT ON FISH		CATOSTOMUS COMMERSONII	800950	
ANGUILLIDAE		COLOR VISION		
ANGUILLA ROSTRATA	802565	GASTEROSTEIDAE		
		GASTEROSTEUS ACULEATUS	802240	
		PANCREATIC ISLETS		
		SALMONIDAE		
		SALVELINUS LEUCOMAENIS	801096	
ACTIVITY PATTERNS		BIOCHEMICAL BLOOD CONSTITUENTS		
CARCHARIIDAE		CYPRINIDAE		
CARCHARIAS TAURUS	802691	TINCA TINCA	801813	
CARCHARHINIDAE		POPULATION DENSITY		
CARCHARHINUS MACULIPINNIS	802691	CYPRINIDAE		
HOLOCENTRIDAE		GNATHOPOGON CAERULESCENS	801658	
HOLOCENTRUS ASCENSIONIS	802991			
BLENNIIDAE				
BLENNIUS GATTORUGINE	800997			
BLENNIUS PHOLIS	800997	WINTERKILL		
BLENNIUS SANGUINOLENTUS	800997	CYPRINIDAE		
LABRIDAE	801917	PIMEPHALES PROMELAS	802702	
LABROIDES PHTHIROPHAGUS	802628	HIODONTIDAE		
APOGONIDAE	801949	HIODON ALOSOIDES	802600	
APOGON PUNCTICULATUS	801085		800072	
CHAETODONTIDAE	801917	EXPERIMENTAL ANALYSIS		
LUTJANIDAE		CYPRINIDAE		
LUTJANUS BOHAR	803086	RICHARDSONIUS BALTEATUS	802285	
PEMPHERIDAE	801917	SALMONIDAE		
POMACENTRIDAE		SALMO GAIRDNERII	802285	
ABUDEFDUF SAXATILIS	801710			
POMADASYIDAE	801917			
HAEMULON FLAVOLINEATUM	801949			
PRIACANTHIDAE	801917			
PRIACANTHUS MACRACANTHUS	800990			
PRIACANTHUS TAYENUS	800990	REPRODUCTIVE SEASON		
CLUPEIDAE		ANOPLOGASTERIDAE		
CLUPEA HARENGUS	801001	ANOPLOGASTER CORNUTA	801858	
CYPRINIDAE		GASTEROSTEIDAE		
CYPRINUS CARPIO	800836	CULAEA INCONSTANS	801876	
OPHIDIIDAE		PUNGITIUS PUNGITIUS	801876	
OTOPHIDIUM SCRIPPSI	802866		802114	

CYCLICAL CHANGES  
(CONTINUED)

MACRORHAMPHOSIDAE			KATHETOSTOMA AVERUNCUS	801858
MACRORHAMPHOSUS GRACILIS	801858		PLEURONECTIDAE	801459
SYNGNATHIDAE			EOPSETTA JORDANI	801803
SYNGNATHUS DUNCKERI	801949		KAREIUS BICOLORATUS	802516
LAMPRIDAE			SOLEIDAE	
LAMPRIUS REGIUS	801858		BUGLOSSIDIUM LUTEUM	801995
LOPHOTIDAE			MICROCHIRUS VARIEGATUS	801995
LOPHOTES CRISTATUS	801858		PEGUSA LASCARIS	801995
AMMODYTIDAE			SOLEA SOLEA	801995
AMMODYTES DUBIUS	802544		AGONIDAE	
BELONTIIDAE			XENERETMUS LATIFRONS	801858
TRICHOGASTER TRICHOPTERUS	803364		COTTIDAE	
CLINIDAE			COTTUS PYGMAEUS	802115
LUCAYABLENNIUS ZINGARO	801949		CYCLOPTERIDAE	
GOBIIDAE	803162		CYCLOPTERUS LUMPUS	800703
ACANTHOGOBIIUS FLAVIMANUS	802516		ANOPLOPOMATIDAE	
GLOSSOGOBIIUS GIURUS	801946		ANOPLOPOMA FIMBRIA	800755
GOBIIUS GORLAP	802137			801815
GOBIIUS NONULTIMUS	802137		HEXAGRAMMIDAE	
NEOGOBIIUS FLUVIATILIS	801281		OPHIODON ELONGATUS	801067
NEOGOBIIUS MELANOSTOMUS	801281		PLEUROGRAMMUS AZONUS	800760
	802137		SCORPAENIDAE	801806
NEOGOBIIUS SYRMAN	802137			802002
ICOSTEOIDEI				802516
ICOSTEUS AENIGMATICUS	801858		SEBASTODES INERMIS	
	802872		TRIGLIDAE	
MUGILOIDEI			TRIGLA GURNARDUS	803040
ALDRICHETTA FORSTERI	802677		SYNBRANCHIDAE	
CRENIMUGIL LABROSUS	801571		SYNBRANCHIUS MARMORATUS	801041
LIZA RAMADA	801571		ATHERINIDAE	
MUGIL CEPHALUS	802516		LABIDESTHES SICULUS	802733
CHANNICHTHYIDAE			CYPRINODONTIDAE	
CHAENOCEPHALUS ACERATUS	801010		NOTHOBRANCHIUS ORTHONOTUS	801217
ACANTHOCLINIDAE			RIVULUS MARMORATUS	802273
ACANTHOCLINUS QUADRIDACTYLUS	803215		EXOCOETIDAE	
CARANGIDAE			DERMOGENYUS PUSILLUS	803363
CARANX CHRYSOPHRYS	802819		HEMIRAMPHUS KURUMEUS	802516
CARANX MALABARICUS	802819		HEMIRAMPHUS MARGINATUS	801929
DECAPTERUS MARUADSI	802819		HEMIRHAMPHODON POGONOGNATHUS	803363
TRACHURUS JAPONICUS	802516		CLUPEIDAE	
TRACHURUS SYMMETRICUS	801610		ALOSA FALLAX	800197
TRACHURUS TRACHURUS	803040		ALOSA MAEOTICA	802023
CENTRARCHIDAE			ALOSA NORDMANNI	802023
MICROPTERUS PUNCTULATUS	801395		ALOSA SAPIDISSIMA	802244
MICROPTERUS SALMOIDES	801395		CLUPEA HARENGUS	801447
POMOXIS ANNULARIS	801395			801481
CENTROPOMIDAE			DOROSOMA CEPEDIANUM	801684
AMBASSIS GYMNOCEPHALUS	801937		ETRUMEUS TERES	800555
	803361		HARENGULA ZUNASI	802516
AMBASSIS KOPSII	803361		HILSA ILISHA	802766
CICHLIDAE			KONOSIRUS PUNCTATUS	802516
HEMIHAPLOCHROMIS PHILANDER	801217		SARDINA PILCHARDUS	802012
TILAPIA GALILAEA	801895		SARDINELLA JUSSIEU	802819
EMBIOTOCIDAE			SARDINELLA LONGICEPS	800959
HYPERPROSOPON ARGENTEUM	802869		SARDINOPS CAERULEA	801610
LEIOGNATHIDAE			SARDINOPS MELANOSTICTA	800555
LEIOGNATHUS NUHALIS	802516		ENGRAULIDAE	
LUTJANIDAE			COILIA NEGLECTA	801927
LUTJANUS BOHAR	803086		ENGRAULIS ENCRASICOLUS	802011
LUTJANUS ERYTHROPTERUS	802819		ENGRAULIS JAPONICUS	800555
MULLIDAE				800921
UPENEUS BENSASI	802819		ENGRAULIS MORDAX	802516
UPENEUS MOLUCCENSIS	802819			802878
UPENEUS SULPHUREUS	802819			
NEMIPTERIDAE	802819		ANGUILLIDAE	
PERCIDAE			ANGUILLA JAPONICA	802516
ETHEOSTOMA LEPIDUM	801467		CONGRIDAE	
ETHEOSTOMA SPECTABILE	801467		GNATHOPHIS CAPENSIS	801282
STIZOSTEDION CANADENSE	802750			803310
STIZOSTEDION LUCIOPERCA	802493		SERRIVOMERIDAE	
POMADASYIDAE			SERRIVOMER SECTOR	801858
PARAPRISTIPOMA TRILINEATUM	801092		SYNAPHOBANCHIDAE	801352
POMADASYUS HASTA	802819		HISTIOBRANCHIUS BATHYBIUS	800770
PRIACANTHIDAE			XENOCONGRIDAE	
PRIACANTHUS TAYENUS	802819		CHILORHINUS SUENSONI	801919
SCIAENIDAE	801041		NOTACANTHIDAE	
LEIOSTOMUS XANTHURUS	803295		NOTACANTHUS NASUS	801040
OTOLITHOIDES BRUNNEUS	801940		ANOSTOMIDAE	
SERRANIDAE			SCHIZODON FASCIATUS	801041
LATEOLABRAX JAPONICUS	802516		CHARACIDAE	
MORONE AMERICANA	802568		HYDROCYNUS VITTATUS	801217
MORONE CHRYSOPS	801078		MICRALESTES ACUTIDENS	801217
MORONE LABRAX	801570		CATOSTOMIDAE	
ROCCUS CHRYSOPS	801078		CATOSTOMUS COMMERSONI	802286
			CATOSTOMUS MACROCHEILUS	802286
SPARIDAE			CYPRINIDAE	
ARGYROPS SPINIFER	802819		ABRAMIS BRAMA	801925
CHRYSOPHRYS MAJOR	802516			803340
THERAPONIDAE			BARBUS TOPPINI	801217
THERAPON THERAPS	802819		BARBUS TRIMACULATUS	801217
ISTIOPHORIDAE			BARILIUS ZAMBEZENSIS	801217
MAKAIRA NIGRICANS	802747		CARASSIUS AURATUS	802516
LUVARIDAE			CHONDROSTOMA NASUS	801390
LUVARUS IMPERIALIS	801858		CIRRHIINA MRIGALA	801326
SCOMBRIDAE			CYPRINUS CARPIO	802485
ACANTHOCYBIUM SOLANDRI	801825			802516
AUXIS THAZARD	802819		ENGRAULICYPRIS BREVIANALIS	801217
EUTHYNNUS AFFINIS	802819		NOTROPIS AMOENUS	802211
SCOMBER JAPONICUS	801610		NOTROPIS EDWARDRANEYI	801345
SCOMBER SCOMBRUS	801598		PIMEPHALES PROMELAS	802702
	803040		PUNTIUS UMALII	802135
SCOMBEROMORUS COMMERSONI	802819		RUTILUS RUTILUS	802030
SCOMBEROMORUS GUTTATUS	802819			802917
TRICHIURIDAE			TINCA TINCA	802448
LEPIDOPUS XANTUSI	801858		ARIIDAE	
TETRAGONURIDAE			BAGRE MARINUS	803295
TETRAGONURUS CUVIERI	801858		GALEICHTHYS FELIS	803295
URANOSCOPIDAE				

BAGRIDAE				
CHRYSICTHYS MABUSI	800245		GOBIUS CEPHALARGES	802019
MYSTUS SEENGHALA	801327		GOBIUS MELANOSTOMUS	802019
CLARIIDAE			KURTOIDEI	
CLARIAS BATRACHUS	800713		KURTUS INDICUS	802649
CLARIAS GARIEPINUS	801217		SCARIDAE	
	801283		LEPTOSCARUS JAPONICUS	802663
CLARIAS MELLANDI	800245		MUGILOIDEI	
MOCHOKIDAE			MUGIL CEPHALUS	802506
SYNODONTIS NIGROMACULATUS	800245			802649
SYNODONTIS SCHALL	800473		APLODACTYLIDAE	
SYNODONTIS ZAMBEZENSIS	801217		GONIISTIUS ZEBRA	802663
SISORIDAE			GONIISTIUS ZONATUS	802663
CHIOGLANUS ANOTERUS	801217		CARANGIDAE	802506
MORMYRIDAE			ATROPUS ATROPUS	802649
GNATHONEMUS MONTEIRII	800245		CARANX KALLA	802649
OSTEOGLOSSIDAE			CARANX LUTESCENS	800332
OSTEOGLOSSUM BICIRRHOSUM	801041		SERIOLA QUINQUERADIATA	802663
BATRACHOIDIFORMES			CICHLIDAE	
OPSANUS BETA	803295		HEMICHROMIS FASCIATUS	802624
CADIDAE	801459		PELMATOCHROMIS GUENTHERI	802624
BOREOGADUS SAIDA	801135		TILAPIA BUSUMANA	802624
	801137		ECHENEIDAE	
GADUS MORHUA	801692		REMORA REMORA	802506
LOTA LOTA	802495		EMMELICHTHYIDAE	
MICROMESISTIUS POUTASSOU	801133		ERYTHROCLES SCHLEGELI	802663
	801134		EPHIPPIDAE	
	802024		CHAETODIPTERUS FABER	802506
THERAGRA CHALCOGRAMMUS	803185		KYPHOSIDAE	
TRISOPTERUS ESMARKII	801115		GIRELLA PUNCTATA	802663
	801129		LACTARIIDAE	
MERLUCCIIDAE			LACTARIUS LACTARIUS	802649
MERLUCCIUS BILINEARIS	802484		MULLIDAE	
MERLUCCIUS PRODUCTUS	801610		PSEUDUPENEUS SPILURUS	802663
	801815		POMATOMIDAE	
ZOARCIDAE			SCOMBROPS BOOPS	802663
ZOARCES VIVIPARUS	800270		SCIAENIDAE	802506
PERCOPSIDAE			PSEUDOSCAIENA DIACANTHUS	802649
PERCOPSIS OMISCOMAYCUS	802244		SERRANIDAE	
ARGENTINIDAE			EPINEPHELUS MEGACHIR	802663
ARGENTINA SIALIS	801858		SILLAGINIDAE	
ARGENTINA SILUS	801124		SILLAGO SIHAMA	802649
	801125		SPARIDAE	
ARGENTINA SPHYRAENA	803040		ARCHOSARGUS PROBATOCEPHALUS	802506
BATHYLAGIDAE			LAGODON RHOMBOIDES	802506
BATHYLAGUS PACIFICUS	801858		MYLIO MACROCEPHALUS	802663
ESOCIDAE			POLYNEMOIDEI	802649
ESOX LUCIUS	800421		ISTIOPHORIDAE	801404
GALAXIIDAE			MAKAIRA NIGRICANS	802747
GALAXIAS MACULATUS	801963		SCOMBRIDAE	801404
	803235		EUTHYNNUS AFFINIS	802663
GALAXIAS VULGARIS	801960		EUTHYNNUS PELAMIS	803388
SALANGIDAE			RASTRELLIGER KANAGURTA	802649
SALANGICHTHYS MICRODON	802516		SCOMBEROMORUS	802649
MYCTOPHIDAE	801858		SCOMBEROMORUS MACULATUS	802506
MYCTOPHUM PUNCTATUM	803040		THUNNUS	801880
SYMBOLOPHORUS CALIFORNIENSIS	801858		TRICHIURIDAE	802649
NEOSCOPELIDAE			TRICHIURUS LEPTURUS	802506
SCOPELENGYS TRISTIS	801858		SPHYRAENOIDEI	
SYNODONTIDAE			SPHYRAENA BOREALIS	802506
SAURIDA TUMBIL	802819		STROMATEIDAE	
OSMERIDAE			PAMPUS ARGENTEUS	802649
HYPOMESUS OLIDUS	802516		PAMPUS CHINENSIS	802649
MALLOTUS VILLOSUM	801116		PEPRILUS ALEPIDOTUS	802506
	801118		PEPRILUS TRIACANTHUS	802506
OSMERUS EPERLANUS	802244		URANOSCOPEIDAE	
	802547		ASTROSCOPUS YGRAECUM	802506
SALMONIDAE	800768		BOTHIDAE	
COREGONUS ALBULA	801310		CITHARICHTHYS SPILOPTERUS	802506
COREGONUS AUTUMNALIS	802828		ETROPUS CROSSOTUS	802506
COREGONUS CLUPEAFORMIS	802563		PARALICHTHYS ALBIGUTTA	802506
COREGONUS CYLINDRACEUS	803343		CYNOGLOSSIDAE	
COREGONUS HOYI	802749		CYNOGLOSSUS SEMIFASCIATUS	802649
ONCORHYNCHUS NERKA	800010		SYMPHURUS PLAGIUSA	802506
SALMO GAIRDNERII	802697		SOLEIDAE	801995
SALMO ISCHCHAN	801517		TRINECTES MACULATUS	802506
SALVELINUS MALMA	802349		SCORPAENIDAE	
STENODUS LEUCICHTHYS	802356		SEBASTISCUS MARMORATUS	802663
THYMALLUS ARCTICUS	802352		TRIGLIDAE	
GONOSTOMATIDAE			PRIONOTUS TRIBULUS	802506
CYCLOTHONE	801858		BALISTIDAE	
MALACOSTEIDAE			ALUTERA SCRIPTA	802506
ARISTOSTOMIAS SCINTILLANS	801858		TETRAODONTIDAE	
MELANOSTOMIATIDAE			SPHAEROIDES NEPHELUS	802506
BATHOPHILUS FLEMINGI	801858		ATHERINIDAE	
ARTIFICIAL SELECTION			MEMBRAS MARTINICA	802506
SALMONIDAE			MENIDIA BERYLLINA	802506
SALMO GAIRDNERII	802647		CYPRINODONTIDAE	802506
TEMPERATURE			BELONIDAE	
CENTRARCHIDAE			STRONGYLURA MARINA	802506
POMOXIS ANNULARIS	802724		EXOCEOTIDAE	
			HYPORHAMPHUS UNIFASCIATUS	802506
			CLUPEIDAE	802506
				802649
SEASONAL ABUNDANCE			ENGRAULIDAE	
DASYATIDAE			ANCHOA HEPSETUS	802506
DASYATIS AMERICANA	802506		ANCHOA MITCHILLI	802506
TELEOSTEI	802718		MURAENESOCIDAE	
	803378		MURAENESOX TALABONOIDES	802649
REGALECIDAE			ELOPIDAE	
REGALECUS GLENE	802124		ELOPS SAURUS	802506
ACANTHURIDAE			CYPRINIDAE	
PRIONURUS MICROLEPIDOTUS	802663		BARBUS ABLABES	802624
GOBIIDAE			BARBUS TRISPILUS	802624
GOBIOSOMA BOSCI	802506		ARIIDAE	
GOBIUS BATRACOCEPHALUS	802019		BAGRE MARINUS	802506
			GALEICHTHYS FELIS	802506
			CLARIIDAE	

CYCLICAL CHANGES (CONTINUED)	HETEROBRANCHUS LONGIFILIS	802624	ORIENTATION TO BOTTOM	
	GOBIESOCIFORMES		PARALEPIDIDAE	800336
	GOBIESOX STRUMOSUS	802506	LARVA	
BEHAVIOR	ANTENNARIIDAE		ACANTHURIDAE	
	HISTRIO HISTRIO	802506	ACANTHURUS TRIOSTEGUS	802067
	HARPADONTIDAE			
ORIENTATION	HARPADON NEHEREUS	802649		
	LARVA			
	SYNGNATHIDAE		ORIENTATION TO FLOATING OBJECTS	
	SYNGNATHUS SCHLEGELI	802900	PETROMYZONTOMORPHA	
	AMMODYTIDAE		PETROMYZON MARINUS	802848
	AMMODYTES PERSONATUS	802900	CARANGIDAE	
	PHOLIDIDAE		CARANX CABALLUS	801708
	DICTYOSOMA BURGERI	802900	TRACHURUS SYMMETRICUS	801815
	CARANGIDAE		CORYPHAENIDAE	801708
	DECAPTERUS MARUADSI	802900	KYPHOSIDAE	
	PLEURONECTIDAE		SECTOR OCYURUS	801708
	LIMANDA YOKOHAMAE	802900	SERRANIDAE	
	SCORPAENIDAE		POLYPRION AMERICANUS	801248
	SEBASTISCUS	802900	SCOMBRIDAE	
	SEBASTES HUBBSI	802900	EUTHYNNUS LINEATUS	801708
	BALISTIDAE		EUTHYNNUS PELAMIS	800477
	RUDARIUS ERCODES	802900	THUNNUS ALBACARES	801708
	ENGRAULIDAE		SCORPAENIDAE	801708
	ENGRAULIS JAPONICA	802900	BALISTIDAE	
	ANGUILLIDAE		EXPERIMENTAL ANALYSIS	
	ANGUILLA ROSTRATA	800580	CARANGIDAE	
	CONGRIDAE		CARANX HIPPOS	800337
	CONGER MYRIASTER	802900	CARANX CABALLUS	800337
	BREGMACEROTIDAE		CARANX MARGINATUS	800337
	BREGMACEROS MACCLELLANDI	802715	CHLOROSCOMBRUS ORQUETA	800337
			DECAPTERUS	800337
			ELAGATIS BIPINNULATUS	800337
			NAUCRATES DUCTOR	800337
			SELAR CRUMENOPHTHALMUS	800337
			SERIOLA PERUANA	800337
			SERIOLA RIVOLIANA	800337
			URASPIS SECUNDA	800337
			CORYPHAENIDAE	
			CORYPHAENA HIPPURUS	800337
			ECHENEIDAE	
			PHTHEIRICHTHYS LINEATUS	800337
			KYPHOSIDAE	
			KYPHOSUS ELEGANS	800337
			SECTOR OCYURUS	800337
			LOBOTIDAE	
			LOBOTES PACIFICUS	800337
			MULLIDAE	
			PSEUDUPENEUS GRANDISQUAMIS	800337
			POMACENTRIDAE	
			ABUDEFDUF SAXATILIS	800337
			CHROMIS ATRILOBATA	800337
			POLYNEMOIDEI	
			POLYDACTYLUS OPERCULARIS	800337
			POLYDACTYLUS APPROXIMANS	800337
			SCOMBRIDAE	
			ACANTHOCYBIUM SOLANDRI	800337
			AUXIS THAZARD	800337
			EUTHYNNUS LINEATUS	800337
			EUTHYNNUS PELAMIS	800478
			THUNNUS	800478
			THUNNUS ALBACARES	800337
			NOMEIDAE	
			PSENEUS PACIFICUS	800337
			BALISTIDAE	
			ALUTERA SCRIPTA	800337
			ALUTERA MONOCEROS	800337
			BALISTES POLYLEPIS	800337
			CANTHIDERMIS MACULATUS	800337
			EYE	
			CICHLIDAE	
			TILAPIA NILOTICA	800269
			YOUNG	
			CICHLIDAE	
			TILAPIA GALILAEA	800269
			TILAPIA HEUDELOTI	800269
			TILAPIA MARIAE	800269
			TILAPIA NILOTICA	800269
			TILAPIA THOLLONI	800269
			TRISTRAMELLA SIMONIS	800269
			ORIENTATION WITH LIGHT SOURCE	800914
			CARANGIDAE	
			DECAPTERUS PINNULATUS	800336
			SELAR CRUMENOPHTHALMUS	802991
			TRACHUROPS CRUMENOPHTHALMUS	800336
			SCOMBRIDAE	
			SCOMBER JAPONICUS	800828
				800829
			CLUPEIDAE	
			JENKINSIA LAMPROTAENIA	800556
				802991
			PARALEPIDIDAE	800336

MUGIL CEPHALUS		800743	CHRYSOPHRYS MAJOR		801851	ORIENTATION (CONTINUED)
MUGIL SALIENS		800743	SCOMBRIDAE			
BATHYDRACONIDAE			ACANTHOCYBIUM SOLANDRI		801216	
PRIONODRACO EVANSII		803100	EUTHYNNUS		802887	
NOTOTHEIIDAE		803100	THUNNUS		802887	
MULLIDAE			THUNNUS ALBACARES		801216	
MULLUS BARBATUS		800743	CLUPEIDAE			
POMADASYIDAE			CLUPEA HARENGUS		802303	
POMADASYS GUORACA		800743	CYPRINIDAE			
SPARIDAE			BARBUS LINEOMACULATUS		800505	
DIPLODUS ANNULARIS		800743	SALMONIDAE			
EGG			SALMO SALAR		800248	
PLEURONECTIDAE			LARVA			
HIPPOGLOSSOIDES ELASSODON		801751	PERCIDAE			
LIMANDA LIMANDA		800352	STIZOSTEDION LUCIOPERCA		802825	
PLATICHTHYS FLESUS		800352	CLUPEIDAE			
PLEURONECTES PLATESSA		800352	CLUPEA HARENGUS		802657	
GADIDAE			EXPERIMENTAL ANALYSIS			
GADUS MORHUA		800352	ACIPENSEROMORPHA			
MICROMESISTIUS POUTASSOU		801131	ACIPENSER GULDENSTAEDTI		803332	
FUNCTION			ACIPENSER STELLATUS		803332	
GAS BLADDER			CENTRARCHIDAE			
TELEOSTEI		802543	MICROPTERUS DOLOMIEUI		802752	
EXPERIMENTAL ANALYSIS			CYPRINIDAE		803332	
UROPHYSIS			OXYGEN			
TELEOSTEI		803007	CARBON DIOXIDE			
DEVELOPMENT			CENTRARCHIDAE			
EGG			MICROPTERUS SALMOIDES		802283	
PLEURONECTIDAE			SALMONIDAE			
PAROPHRYS VETULUS		802299	ONCORHYNCHUS KISUTCH		802283	
ACCLIMATION						
CYPRINIDAE						
RHINICHTHYS CATARACTAE		802412				
			SWIMMING ENDURANCE			
LOCOMOTION			TELEOSTEI		802623	
MYXINOMORPHA			CICHLIDAE		800692	
MYXINE GLUTINOSA		800641	SALMONIDAE			
COCCOSTEOMORPHA			ONCORHYNCHUS NERKA		802531	
COCCOSTEUS CUSPIDATUS		800701	EXPERIMENTAL ANALYSIS			
SQUALOMORPHA		802623	CYPRINIDAE			
OSTEOLEPIDOMORPHA			CARASSIUS CARASSIUS		801589	
EUSTHENOPTERON FOORDI		801953	CARASSIUS AURATUS		801589	
TELEOSTEI		802623				
SYNGNATHIDAE						
AMPELIKTURUS DENDRITICUS		801949				
CICHLIDAE			CRAWLING UNDERWATER			
PTEROHYLLUM SCALARE		801195	DACTYLOPTERIFORMES			
SYMPHYSDON AEQUIFASCIATA		800712	DACTYLOPTERUS VOLITANS		801917	
CYPRINIDAE						
CARASSIUS AURATUS		803194				
OPHIIDIIDAE		803019				
BROTULA MULTIBARBATA		803019				
FUNCTION						
VISUAL SENSITIVITY AND ACUITY			CLIMBING UNDERWATER			
TELEOSTEI		803440	CYPRINIDAE			
DESCRIPTIVE EVOLUTION			LABEO CYLINDRICUS		801217	
PHOLIDOPHOROMORPHA		801515	SISORIDAE			
PHOLIDOPHORUS BECHEI		800520	CHILOGLANUS ANOTHERUS		801217	
PHOLIDOPHOROPSIS MACULATA		800520	CHILOGLANUS PARATUS		801217	
PHOLIDOLEPIS DORSETENSIS		800520				
TELEOSTEI		800520				
		801515				
ISTIOPHORIDAE		801216				
SCOMBRIDAE		801216	BURROWING UNDERWATER			
XIPHIIDAE			MYXINOMORPHA			
XIPHAS GLADIUS		801216	MYXINE GLUTINOSA		800641	
LEPTOLEPIDOMORPHA		801515	KRAEMERIIDAE			
			KRAEMERIA SAMOENSIS		801926	
			LABRIDAE		801917	
			MORINGUIDAE			
			MORINGUA EDWARDSI		801949	
			OPHICHTHIDAE			
			OPHICHTHUS OPHIS		801917	
			OPHICHTHUS ZOPHOCHIR		801858	
			OPHIIDIIDAE			
			OTOPIHDIU SCRIPPSI		802866	
			TERRESTRIAL LOCOMOTION			
			BLENNIIDAE			
			LOPHALTICUS KIRKII		800018	
			GOBIIDAE			
			BOLEOPHTHALMUS BODDAERTI		803097	
			PERIOPHTHALMUS		800018	
					802623	
			PERIOPHTHALMUS CHRYSOSPILOS		803097	
					803213	
			PERIOPHTHALMUS KALOLO		803213	
			PERIOPHTHALMUS KOELREUTERI		803371	
			PERIOPHTHALMUS SOBRINUS		803213	
			AERIAL LOCOMOTION			
			DACTYLOPTERIFORMES			
			DACTYLOPTERUS VOLITANS		800499	
			GOBIIDAE			
			GILLICHTHYS MIRABILIS		800156	
			EXOCOETIDAE		802623	
SWIMMING SPEED						
TELEOSTEI		802623				
SPARIDAE						





BOTHIDAE			800899	FEEDING
SCOPHTHALMUS MAXIMUS	802908		801101	(CONTINUED)
SCOPHTHALMUS RHOMBUS	802908		801583	
PLEURONECTIDAE			801584	
PLATICHTHYS FLESUS	802908	POMADASYIDAE		
PLEURONECTES PLATESSA	802908	PARAPRISTIPOMA TRILINEATUM	801101	
PLEURONECTES FLESUS	802908	SERRANIDAE		
SCOPHTHALMIDAE		EPINEPHELUS SEPTEMFASCIATUS	800899	
SCOPHTHALMUS MAXIMUS	802908	SCOMBRIDAE		
SCOPHTHALMUS RHOMBUS	802908	SCOMBER JAPONICUS	801583	
CLUPEIDAE		BALISTIDAE		
SARDINELLA JUSSIEU	802819	STEPHANOLEPIS CIRRHIFER	800899	
CHANGE WITH AGE			801101	
GASTEROSTEIDAE			801584	
GASTEROSTEUS ACULEATUS	803329	TETRAODONTIDAE		
ACANTHOCLINIDAE		FUGU VERMICULARIS	800899	
ACANTHOCLINUS QUADRIDACTYLUS	803214		801101	
CLUPEIDAE		ESOCIDAE		
ALOSA PSEUDOHARENGUS	802903	ESOX LUCIUS	802694	
GADIDAE		SALMONIDAE		
LOTA LOTA	803499	SALMO TRUTTA	802375	
LARVA		SALMO GAIRDNERII	800899	
CLUPEIDAE			801101	
ALOSA PSEUDOHARENGUS	802904		801583	
SEASONAL CHANGES			801584	
GALAXIIDAE		CAPTIVE VS NATURAL FISHES		
GALAXIAS MACULATUS	803235	SALMONIDAE		
VARIATION WITH AGE		SALMO SALAR	802279	
CIRCADIAN RHYTHMS		LIGHT		
CENTRARCHIDAE		CARANGIDAE		
POMOXIS NIGROMACULATUS	802379	TRACHURUS SYMMETRICUS	802384	
CIRCADIAN RHYTHMS		DEVELOPMENT		
CENTRARCHIDAE		POMACENTRIDAE		
AMBLOPLITES RUPESTRIS	802420	MICROSPATHODON CHRYSURUS	801052	
LEPOMIS MACROCHIRUS	802420	CYPRINIDAE		
LEPOMIS GIBBOSUS	802420	ABRAMIS BRAMA	801925	
PERCIDAE		CTENOPHARYNGODON IDELLA	802043	
PERCA FLAVESCENS	802420	SEASONAL CHANGES		
SCIAENIDAE		SALMONIDAE		
APLODINOTUS GRUNNIENS	802775	SALMO TRUTTA	803079	
CYPRINODONTIDAE				
FUNDULUS DIAPHANUS	802420			
DISTICHODONTIDAE				
DISTICHODUS NILOTICUS	802488			
DISTICHODUS ROSTRATUS	802488			
FRY				
COTTOCOMEPHORIDAE		GUT CONTENTS		
COTTOCOMEPHORUS GREWINGKI	802487	SQUALIDAE		
SEASONAL CHANGES		SQUALUS ACANTHIAS	801950	
CYPRINIDAE		SEMIONOTOMORPHA		
ABRAMIS BRAMA	802451	LEPISOSTEUS OSSEUS	800396	
ACTIVITY PATTERNS		DACTYLOPTERIFORMES		
POMATOMIDAE		DACTYLOPTENA ORIENTALIS	800455	
POMATOMUS SALTATRIX	802018	PHOLIDIDAE		
SEASONAL CHANGES		ENEDRIAS NEBULOSUS	802516	
LUTJANIDAE		CALLIONYMOIDEI		
LUTJANUS BOHAR	803086	CALLIONYMUS RICHARDSONI	802516	
CYPRINIDAE	802046	GOBIIDAE		
ALBURNUS ALBURNUS	802256	ACANTHOGOBIOUS FLAVIMANUS	802516	
ASPIUS ASPIUS	802045	GLOSSOGOBIOUS GIURUS	801217	
TOR TOR	803428		801946	
GADIDAE		GOBIOMORPHUS BASALIS	803235	
GADUS MORHUA	801985	NEOGOBIOUS FLUVIATILIS	803196	
SALMONIDAE		NEOGOBIOUS MELANOSTOMUS	803196	
ONCORHYNCHUS NERKA	802319		803330	
ONCORHYNCHUS GORBUSCHA	802319	MUGILOIDEI		
SALMO TRUTTA	802916	MUGIL CEPHALUS	802516	
SALVELINUS ALPINUS	803083	CARANGIDAE	802649	
TEMPERATURE		TRACHURUS JAPONICUS	802516	
AMIO MORPHA		CENTRARCHIDAE		
AMIA CALVA	802425	MICROPTERUS DOLOMIEUI	800607	
GASTEROSTEIDAE		MICROPTERUS SALMOIDES	800344	
CULAEA INCONSTANS	802425	CHAETODONTIDAE		
EUCALIA INCONSTANS	802425	HOLACANTHUS CILIARIS	801461	
CENTRARCHIDAE	802425	HOLACANTHUS TRICOLOR	801461	
PERCIDAE		POMACANTHUS ARCUATUS	801461	
ETHEOSTOMA EXILE	802425	POMACANTHUS PARU	801461	
PERCA FLAVESCENS	802425	CICHLIDAE		
SERRANIDAE		ACARICHTHYS HECKELI	801041	
MORONE AMERICANA	802425	APISTOGRAMMA TAENIATUM	801041	
CYPRINODONTIDAE		CICHLASOMA BIMACULATUM	801041	
FUNDULUS DIAPHANUS	802425	CICHLASOMA FESTIVUM	801041	
CATOSTOMIDAE		PTEROPHYLLUM SCALARE	801041	
CATOSTOMUS COMMERSONI	802425	SERRANOCHROMIS MERIDIANUS	801217	
CYPRINIDAE	802425	TILAPIA MELANOPELEA	801217	
ICTALURIDAE		TILAPIA MOSSAMBICA	801217	
ICTALURUS NEBULOSUS	802425	EMBIOTOCIDAE		
ESOCIDAE		DITREMA TEMMINCKI	802516	
ESOX AMERICANUS	802425	EPHIPPIDAE		
UMBRIDAE		CHAETODIPTERUS FABER	801461	
UMBRA LIMI	802425	KYPHOSIDAE		
SOUND PRODUCTION		GIRELLA PUNCTATA	802516	
CYPRINIDAE		LACTARIIDAE		
CYPRINUS CARPIO	800838	LACTARIUS LACTARIUS	802649	
PHOXINUS PHOXINUS	800838	LEIOGNATHIDAE		
DOMINANCE SOCIAL HIERARCHY		LEIOGNATHUS NUHALIS	802516	
SALMONIDAE		LETHRINIDAE		
SALMO TRUTTA	802696	LETHRINUS CINEREUS	802649	
SALMO GAIRDNERII	802696	PERCIDAE		
SALVELINUS FONTINALIS	802696	ACERINA CERNUA	800129	
EXPERIMENTAL ANALYSIS			800543	
CARCHARHINIDAE			801554	
NEGAPRION BREVIROSTRIS	802226	PERCA FLUVIATILIS	800129	
TELEOSTEI	801095		800543	
CARANGIDAE			800966	
SERIOLA QUINQUERADIATA	800899	STIZOSTEDION CANADENSE	801554	
TRACHURUS JAPONICUS	800898	STIZOSTEDION LUCIOPERCA	800344	
			801554	
			803173	

FEEDING  
(CONTINUED)

STIZOSTEDION VITREUM	803196	METYNNIS MACULATUS	801041
POMACENTRIDAE	803324	PYRRHULINA BREVIS	801041
MICROSPATHODON CHRYSURUS	802415	SERRASALMUS ELONGATUS	801041
POMATOMIDAE		SERRASALMUS RHOMBEUS	801041
POMATOMUS SALTATRIX	801052	TRIPORTHEUS ELONGATUS	801041
SCIAENIDAE		CURIMATIDAE	
APLODINOTUS GRUNNIENS	802018	CURIMATUS	801041
BAIRDIELLA CHRYSURA	800344	POTAMORHINA PRISTIGASTER	801041
CYNOSCION ARENARIUS	803295	HEMIODONTIDAE	
CYNOSCION NEBULOSUS	801760	POECILOBRYCON TRIFASCIATUS	801041
MICROPOGON UNDULATUS	803295	POECILOBRYCON UNIFASCIATUS	801041
OTOLITHOIDES BRUNNEUS	801760	PROCHILODONTIDAE	
PLAGIOSCION SQUAMOSISSIMUS	802649	PROCHILODUS	801041
PSEUDOSCIENA DIACANTHUS	801041	CYPRINIDAE	802046
SCIAENOPS OCELLATA	802649	ABRAMIS BRAMA	800129
SERRANIDAE	802994		800543
LATEOLABRAX JAPONICUS	802516		801554
MORONE CHRYSOPS	800344	ASPIUS ASPIUS	801925
MORONE SAXATILIS	802763	BARBUS PALUDINOSUS	802150
SILLAGINIDAE		BARILIUS ZAMBEZENSIS	803196
SILLAGO SIHAMA	802516	BLICCA BJOERKNA	801217
	802649		800129
SPARIDAE			800543
CHRYSOPTERYX MAJOR	802516	CARASSIUS AURATUS	801554
THERAPONIDAE		CHROSOMUS ERYTHROGASTER	802516
THERAPON JARBUA	802649	CYPRINUS CARPIO	802066
THERAPON OXYRHYNCHUS	802516		800344
ISTIOPHORIDAE			802516
TETRAPTERUS ANGUSTIROSTRIS	800523	ENGRAULICYPRIIS BREVIANALIS	803196
TETRAPTERUS AUDAX	800523	LABEO ROSAE	801217
LUVARIDAE		LABEO RUBROPUNCTATUS	801217
LUVARUS IMPERIALIS	800151	LEUCISCUS BRANDTI	803189
SCOMBRIDAE		LEUCISCUS CEPHALUS	801318
RASTRELLIGER KANAGURTA	802649	LEUCISCUS RUTILUS	801554
THUNNUS ALALUNGA	800523	PELECUS CULTRATUS	803196
THUNNUS ALBACARES	800523	RUTILUS RUTILUS	800129
THUNNUS MACCOYII	800523		800543
THUNNUS OBESUS	800523		803196
PLEURONECTIDAE		SCARDINIUS ERYTHROPHthalmus	800129
KAREIUS BICOLORATUS	802516		800543
COTTIDAE			803428
COTTUS PYGMAEUS	802115	TOR TOR	
ANOPOLOMATIDAE		GYMNOTIDAE	
ANOPOLOPOMA FIMBRIA	800755	EIGENMANNIA VIRESCENS	801041
	801815	AGENIENIOSIDAE	
HEXAGRAMMIDAE		AGENIENIOSUS UCAYALENSIS	801041
AGRAMMUS AGRAMMUS	802516	AMPHILIIDAE	
HEXAGRAMMOS OTAKII	802516	AMPHILIUS PLATYCHIR	801217
SCORPAENIDAE		ARIIDAE	
SEBASTES MENTELLA	800997	BAGRE MARINUS	803295
SEBASTES OBLONGUS	802516	BAGRIDAE	
SEBASTODES INERMIS	802516	CHRYSICTHYS MABUSI	800245
TRIGLIDAE		CALLICHTHYIDAE	
TRIGLA HIRUNDO	802165	CORYDORAS	801041
SYNBRANCHIDAE		CLARIIDAE	
SYNBRANCHUS MARMORATUS	801041	CLARIAS GARIEPINUS	801217
BALISTIDAE		CLARIAS MELLANDI	800245
CANTHERINES MACROCERUS	801461	DORADIDAE	
CANTHERINES PULLUS	801461	OXYDORAS NIGER	801041
OSTRACIIONIDAE		HYPOPHthalmus EDENTATUS	801041
ACANTHOSTRACION POLYGONIUS	801461	HYPOPHthalmus EDENTATUS	801041
ACANTHOSTRACION QUADRICORNIS	801461	ICTALURIDAE	
LACTOPHRYS TRIQUETER	801461	ICTALURUS PUNCTATUS	800344
TETRAODONTIDAE		LORICARIIDAE	
CANTHIGASTER ROSTRATA	801461	PTERYGOPLICHTHYS MULTIRADIATUS	801041
COLOMESUS ASELLUS	801041	MOCHOKIDAE	
ATHERINIDAE		SYNODONTIS NIGROMACULATUS	800245
ATHERINA BLEEKERI	802516	SYNODONTIS ZAMBEZENSIS	801217
CYPRINODONTIDAE		SCHILBEIDAE	
APLOCHEILICHTHYS JOHNSTONII	801217	EUTROPIUS DEPRESSIROSTRIS	801217
NOTHOBRANCHIUS ORTHONOTUS	801217	MORMYRIDAE	802659
NOTHOBRANCHIUS RACHOVII	801217	GNATHONEMUS MONTEIRII	800245
EXOCEOTIDAE		PETROCEPHALUS CATOSTOMA	801217
HEMIRAMPHUS KURUMEUS	802516	OSTEOGLOSSIDAE	
PROGNICHTHYS AGOO	802516	OSTEOGLOSSUM BICIRRHOSUM	801041
CLUPEIDAE		GADIDAE	
CLUPEA HARENGUS	800997	GADUS MORHUA	801950
	801554	MICROMESISTIUS POUTASSOU	802024
HARENGULA ZUNASI	802516	MERLUCCIIDAE	
SARDINELLA LONGICEPS	802649	MERLUCCIUS PRODUCTUS	801815
SARDINOPS MELANOSTICTA	802516	ARGENTINIDAE	
ENGRAULIDAE		ARGENTINA SILUS	801125
ANCHIOVELLA BREVIROSTRIS	801041	ESOCIDAE	
ENGRAULIS ENCRASICHOLUS	803165	ESOX LUCIUS	800129
ENGRAULIS JAPONICA	802516		800543
ENGRAULIS MORDAX	801815		801950
ANGUILLIDAE			802353
ANGUILLA ANGUILLA	801554		802356
ANGUILLA AUSTRALIS	803235	GALAXIIDAE	
ANGUILLA DIEFFENBACHII	803235	GALAXIAS BURROWSIUS	801962
ANGUILLA JAPONICA	802516	SALANGIDAE	
ANGUILLA MARMORATA	801217	SALANGICHTHYS MICRODON	802516
ANGUILLA MOSSAMBICA	801217	OSMERIDAE	
MEGALOPIDAE		HYPOMESUS OLIDUS	802516
MEGALOPS ATLANTICA	800417		803189
ANOSTOMIDAE		OSMERUS EPERLANUS	801554
LONGIRINUS MACULATUS	801041	SALMONIDAE	
CHARACIDAE		COREGONUS	802353
ALESTES IMBERI	801217	COREGONUS AUTUMNALIS	802496
ASTYANAX FASCIATUS	801041	COREGONUS CYLINDRACEUS	803343
COLOSOMMA BIDENS	801041	HUCHO PERRYI	803189
CTENOBRYCON HAUXYELLIANUS	801041	ONCORHYNCHUS GORBUSCHA	800481
HYDROCYNUS VITTATUS	801217		800759
METYNNIS HYPSAUCHEN	801041	ONCORHYNCHUS KETA	800481
METYNNIS LIPPINCOTTIANUS	801041	ONCORHYNCHUS KISUTCH	800759
			802340



FEEDING (CONTINUED)	SERRANIDAE		PERIOPHTHALMUS CHRYSOSPILOS	803097
	SERRANUS SCRIBA	801081	PERIOPHTHALMUS KALOLO	803097
PROTECTIVE BEHAVIOR	EXPERIMENTAL ANALYSIS		LABRIDAE	
	LABRIDAE		HEMIPTERONOTUS NOVACULA	801949
	LABROIDES PHTHIROPHAGUS	802628	SCARIDAE	
	DESCRIPTIVE EVOLUTION		CRYPTOTOMUS ROSEUS	801949
	Gobiidae		SCARUS COERULEUS	801949
	GOBIOSOMA GENIE	801920	SCARUS GUACAMAIA	801949
	GOBIOSOMA HORSTI	801920	BRANCHIOSTEGIDAE	
	GOBIOSOMA EVELYNAE	801920	MALACANTHUS PLUMIERI	801917
			OPISTOGNATHIDAE	801949
			OPISTOGNATHUS AURIFRONS	801917
BREATHING	DASYATIDAE		OPISTOGNATHUS MAXILLOSUS	800023
	POTAMOTRYGON	803432	OPISTOGNATHUS WHITEHURSTI	801949
	DIPNOI			
	LEPIDOSIREN PARADOXA	800324		
	PROTOPTERUS DOLLOI	800926		
	SYNBRANCHIDAE			
	SYNBRANCHUS	803432		
	HEMIODONTIDAE			
	CHARACIDIUM	803432		
	ELECTROPHORIDAE			
AVOIDANCE RESPONSES	ELECTROPHORUS ELECTRICUS	803432	MYXINOMORPHA	
	SALMONIDAE		MYXINE GLUTINOSA	800641
	SALMO GAIRDNERII	800722	DASYATIDAE	
			DASYATIS AMERICANA	801949
			TELEOSTEI	800545
			HOLOCENTRIDAE	803000
			ACANTHURIDAE	802201
			BLENNIIDAE	
			BLENNIUS PHOLIS	801734
			Gobiidae	
SELF PROTECTION	HEXANCHIFORMES		COTTOGOBIUS YONGEI	801789
	NOTORYNCHUS MACULATUS	802129	LABRIDAE	802201
	LAMPRIDIFORMES		CRENILABRUS MELANOCERCUS	801081
	RADIICEPHALUS ELONGATUS	800331	HEMIPTERONOTUS MARTINICENSIS	801949
			SCARIDAE	
			SPARISOMA RADIANS	801917
			SPARISOMA RUBRIPINNE	801917
			BRANCHIOSTEGIDAE	
			MALACANTHUS PLUMIERI	801949
			CARANGIDAE	
HABITAT PREFERENCE	Gobiidae	802799	DECAPTERUS PUNCTATUS	802997
	PLEURONECTIDAE		SELAR CRUMENOPHTHALMUS	802997
	PLEURONECTES PLATESSA	802908	GRAMMISTIDAE	803000
	SCORPAENIDAE	802002	PERCIDAE	
	MORMYRIDAE	802659	PERCA FLUVIATILIS	800837
	GALAXIIDAE		POMACENTRIDAE	802201
	GALAXIAS VULGARIS	801960	SOLEIDAE	
	SALMONIDAE		TRINECTES INSCRIPTUS	801949
	ONCORHYNCHUS GORBUSCHA	802861	COTTIDAE	
	ONCORHYNCHUS KETA	802861	COTTUS GOBIO	800837
HIDING	SALMO CLARKII	802864	BALISTIDAE	800012
	SALMO GAIRDNERII	802864	CLUPEIDAE	802997
	FRY		ANGUILLIDAE	
	PRIACANTHIDAE		ANGUILLA ANGUILLA	800837
	PRIACANTHUS MACRACANTHUS	802819	CONGRIDAE	
	JUVENILE		NYSTACTICHTHYS HALIS	801949
	GASTEROSTEIDAE		COBITIDAE	
	PUNGITIUS PUNGITIUS	802114	NOEMACHEILUS BARBATULUS	800837
	MUDFLATS		CYPRINIDAE	
	Gobiidae		BARBUS STOLICZKANUS	801732
SLOW FLOWING STREAMS	BOLEOPHTHALMUS BODDAERTI	803097	CYPRINUS CARPIO	800837
	CYPRINODONTIDAE		LEUCISCUS LEUCISCUS	800837
	APHYOSEMION BIVITTATUM	800678	PHOXINUS PHOXINUS	800837
	APLOCHEILICHTHYS FLAVIPINNIS	800678	RUTILUS RUTILUS	800837
	EPIPLATYS DAGETI	800678	SQUALIUS CEPHALUS	800837
	SEASONAL CHANGES		TINCA TINCA	800837
	SYNGNATHIDAE		ESOCIDAE	
	HIPPOCAMPUS ERECTUS	802995	ESOX LUCIUS	800837
	SYNGNATHUS FUSCUS	802995	SYNODONTIDAE	
	REPRODUCTION		SYNODUS INTERMEDIUS	801949
DECEPTIVE ACTIONS	GALAXIIDAE		SALMONIDAE	
	GALAXIAS MACULATUS	801963	SALMO TRUTTA	800837
	EXPERIMENTAL ANALYSIS		THYMALLUS THYMALLUS	800837
	LARVA		TRAWLING	
	ACANTHURIDAE		CLUPEIDAE	
	ACANTHURUS TRIOSTEGUS	802067	CLUPEA HARENGUS	802303
	JUVENILE		SCHOOLING	
	ACANTHURIDAE		ATHERINIDAE	
	ACANTHURUS TRIOSTEGUS	802212	MENIDIA MENIDIA	803003
			AVOIDANCE CONDITIONING	
SHELTER CONSTRUCTION	GADIDAE		SALMONIDAE	
	UROPHYCIS CHUSS	803001	ONCORHYNCHUS KETA	803192
	EXPERIMENTAL ANALYSIS		EXPERIMENTAL ANALYSIS	
	ACANTHURIDAE		SALMONIDAE	
	ACANTHURUS TRIOSTEGUS	802212	ONCORHYNCHUS NERKA	802419
	SALMONIDAE		ONCORHYNCHUS KETA	802234
	SALMO TRUTTA	802696	MAUTHNER NEURONE	
	SALMO GAIRDNERII	802696	CYPRINIDAE	
	SALVELINUS FONTINALIS	802696	CARASSIUS AURATUS	803287
			TINCA TINCA	803287
DEVELOPMENT			CYPRINIDAE	
			RUTILUS RUTILUS	803193
			ZINC	
			HEAVY METAL POLLUTANTS	
			SALMONIDAE	
			SALMO GAIRDNERII	802229

CANTHERINES MACROCERUS	801949	GASTEROSTEIDAE		PROTECTIVE BEHAVIOR
		GASTEROSTEUS ACULEATUS	803460	(CONTINUED)
		BLENNIIDAE		
		BLENNIUS PHOLIS	801734	
		GOBIIDAE		SOCIAL BEHAVIOR
		BATHYGObIUS SOPORATOR	803460	
<b>WARNING DISPLAY</b>		CENTRARCHIDAE		
ACANTHURIDAE	801917	LEPOMIS CYANELLUS	801768	
GOBIIDAE		POECILIIDAE	803460	
BOLEOPHTHALMUS	803213	XIPHOPHORUS MACULATUS X		
CICHLIDAE		XIPHOPHORUS HELLERII X	800320	
CICHLASOMA MEEKI	800185	XIPHOPHORUS HELLERII X		
SCORPAENIDAE		XIPHOPHORUS MACULATUS X	800320	
SCORPAENA PLUMIERI	801917	CYPRINIDAE		
PLOTOSIDAE		BARBUS STOLICZKANUS	801732	
PLOTOSUS ANGUILLARIS	800632	ADRENALINE		
		NORADRENALINE		
		BELONTIIDAE		
		BETTA SPLENDENS	801769	
<b>LOCKING DEVICES AND HOLDFASTS</b>		TESTIS		
BALISTIDAE	800012	POECILIIDAE		
		XIPHOPHORUS MACULATUS	802679	
		JUVENILE		
		SALMONIDAE		
		SALMO SALAR	802577	
		CAPTIVE VS NATURAL FISHES		
		SALMONIDAE		
		SALMO SALAR	802279	
<b>SELF INFLATION</b>				
GOBIIDAE				
GLOSSOGObIUS GIURUS	801217			
DIODONTIDAE				
DIODON HOLACANTHUS	801949			
		<b>TERRITORIALITY</b>		
		GOBIIDAE	803162	
<b>POISONS LIBERATED INTO WATER</b>		PERIOPHTHALMUS CHRYSOSPILOS	803213	
GRAMMISTIDAE		PERIOPHTHALMUS KALOLO	803213	
RYPTICUS SAPONACEUS	801917	PERIOPHTHALMUS KOELREUTERI	802276	
OSTRACIONTIDAE	801917	PERIOPHTHALMUS SOBRINUS	802217	
SELF PROTECTION		LABRIDAE		
OSTRACIONTIDAE		CRENILABRUS MELANOCERCUS	801081	
LACTOPHRYS BICAUDALIS	801949	LABROIDES PHTHIROPHAGUS	802628	
LACTOPHRYS TRIQUETER	801949	CARANGIDAE		
		CARANX CABALLUS	800337	
		ELAGATIS BIPINNULATUS	800337	
		CENTRARCHIDAE		
		MICROPTERUS SALMOIDES	802651	
<b>SPECIES RECOGNITION</b>		CICHLIDAE		
BELONTIIDAE		PTEROPHYLLUM SCALARE	801195	
BETTA SPLENDENS	803101	TILAPIA ALCALICA	800711	
HELOSTOMATIDAE		TILAPIA GRAHAMI	800711	
HELOSTOMA TEMMINCKII	800844	TILAPIA GUINEENSIS	801972	
EXPERIMENTAL ANALYSIS		TILAPIA MACROCHIR	801972	
ORYZIATIDAE		TILAPIA RUKWAENSIS	800711	
ORYZIAS LATIPES	800970	TILAPIA VARIABILIS	800711	
CHEMICAL SENSES		KYPHOSIDAE		
ICTALURIDAE		SECTATOR OCYURUS	800337	
ICTALURUS	803282	LOBOTIDAE	800337	
EYE		POMACENTRIDAE		
NOSE		HYPSPYPOPS RUBICUNDA	800777	
POECILIIDAE		SCOMBRIDAE		
POECILIA SPHENOPS	801168	EUTHYNNUS LINEATUS	800337	
		THUNNUS ALBACARES	800337	
		HEXAGRAMMIDAE		
		OPHIODON ELONGATUS	801067	
		BALISTIDAE		
<b>AGGRESSIVE BEHAVIOR</b>		ALUTERA MONOCEROS	800337	
GASTEROSTEIDAE		CANTHIDERMIS MACULATUS	800337	
GASTEROSTEUS ACULEATUS	803452	CYPRINODONTIDAE		
BELONTIIDAE		JORDANELLA FLORIDAE	800381	
BETTA SPLENDENS	800469	POECILIIDAE		
	803101	POECILIA LATIPINNA	801573	
	800008	CHARACIDAE		
	803419	HYPHESSOBRYCON INNESI	800848	
MACROPODUS OPERCULARIS	802742	CATOSTOMIDAE		
		ERIMYZON TENUIS	802638	
TRICHOASTER LEERI		ICTALURIDAE		
GOBIIDAE		ICTALURUS	803282	
PERIOPHTHALMUS	800018	OPHIIDIIDAE		
LABRIDAE		STYGNOBROTULA LATEBRICOLA	801949	
CRENILABRUS MELANOCERCUS	801081	SALMONIDAE		
CICHLIDAE		SALMO GAIRDNERII	800780	
CICHLASOMA MEEKI	800850		800780	
HEMICHROMIS BIMACULATUS	800469	SALMO TRUTTA	800780	
HEMIHAPLOCHROMIS MULTICOLOR	800469	JUVENILE		
PTEROPHYLLUM SCALARE	801195	SALMONIDAE		
TILAPIA MOSSAMBICA	800538	ONCORHYNCHUS TSHAWYTSCHA	802558	
BALISTIDAE	800012	EXPERIMENTAL ANALYSIS		
CYPRINODONTIDAE		GASTEROSTEIDAE		
FLORIDICHTHYS CARPIO	800381	GASTEROSTEUS ACULEATUS	803460	
ORYZIATIDAE				
ORYZIAS LATIPES	800809			
POECILIIDAE				
POECILIA FORMOSA	801573			
POECILIA LATIPINNA	801573			
GALAXIIDAE				
NEOCHANNA APODA	800333	<b>AGGRESSIVE DISPLAY</b>		
SALMONIDAE		BELONTIIDAE		
SALMO GAIRDNERII	800780	TRICHOASTER LEERI	802742	
SALMO SALAR	801950	CICHLIDAE		
SALMO TRUTTA	800780	CICHLASOMA MEEKI	803255	
	801950	TILAPIA GUINEENSIS	801972	
JUVENILE		TILAPIA MACROCHIR	801972	
SALMONIDAE		TILAPIA ZILLII	803240	
ONCORHYNCHUS TSHAWYTSCHA	802558	CYPRINIDAE		
BIOCHEMISTRY		BARBUS STOLICZKANUS	801732	
OXIDATIVE METABOLISM		EXPERIMENTAL ANALYSIS		
POECILIIDAE		BELONTIIDAE		
XIPHOPHORUS MACULATUS	801922	BETTA SPLENDENS	800542	
EXPERIMENTAL ANALYSIS		FUNCTION		

SOCIAL BEHAVIOR (CONTINUED)	BELONTIIDAE		LUTJANIDAE	
	TRICHOGASTER LEERI	802743	ETELIS CARBUNCULUS	800598
			LUTJANUS BOHAR	803086
			LUTJANUS GIBBUS	803086
			SERRANIDAE	
			CAESIOPERCA THOMPSONI	800598
			MORONE CHRYSOPS	801078
			ROCCUS CHRYSOPS	801078
			SPARIDAE	
			CHRYSOPHRYS MAJOR	801452
FIGHTING	CICHLIDAE		SCOMBRIDAE	
	SYMPHYSDON AEQUIFASCIATA	800712	EUTHYNNUS	802887
	TILAPIA GUINEENSIS	800509	EUTHYNNUS AFFINIS	800336
		801972	EUTHYNNUS PELAMIS	800336
	TILAPIA MACROCHIR	801972	EUTHYNNUS YAITO	800598
	TILAPIA RENDALLI	800266	THUNNUS	800524
	TILAPIA THOLLONI	800266		802887
	TILAPIA ZILLII	803240		
			SCORPAENIDAE	
			SEBASTES	800923
CANNIBALISM	GOBIIDAE		CLUPEIDAE	
	GLOSSOGOBUS GIURUS	801946	CLUPEA HARENGUS	801001
	PERCIDAE			801003
	PERCA FLUVIATILIS	800966	SARDINELLA LONGICEPS	802649
		802824	CYPRINIDAE	802370
	CHARACIDAE		PLOTOSIDAE	
	HYDROCYNUS VITTATUS	801217	PLOTOSUS ANGUILLARIS	800632
	CYPRINIDAE		GADIDAE	
	ASPIUS ASPIUS	802045	THERAGRA CHALCOGRAMMUS	800923
	CLARIIDAE		GALAXIIDAE	
CLARIAS GARIEPINUS	801217	GALAXIAS MACULATUS	801963	
ALEPISAURIDAE		MYCTOPHIDAE		
ALEPISAURUS FEROX	801858	CERATOSCOPELUS MADERENSIS	803262	
ANOTOPTERIDAE		JUVENILE		
ANOTOPTERUS PHARAO	801858	SALMONIDAE		
SALMONIDAE		ONCORHYNCHUS TSHAWYTSCHA	802558	
SALMO SALAR	801323	VERTICAL DISTRIBUTION		
EGG		SCOMBRIDAE		
		SCOMBER JAPONICUS	801098	
		CIRCADIAN RHYTHMS		
		ENGRAULIDAE		
		ENGRAULIS MORDAX	801815	
		SEASONAL CHANGES		
		PERCIDAE		
		PERCA FLAVESCENS	802393	
		ORIENTATION TO SURFACE		
		SCIAENIDAE		
		SCIAENOPS OCELLATA	802994	
		AVOIDANCE RESPONSES		
		ATHERINIDAE		
		MENIDIA MENIDIA	803003	
GROUP BEHAVIOR	PERCIDAE		IDENTIFICATION	
	PERCA FLUVIATILIS	802370	SCOMBRIDAE	
	CYPRINIDAE	802370	EUTHYNNUS PELAMIS	800764
	EFFECT ON FISH		EUTHYNNUS ALLETTERATUS	800764
	RATE OF GROWTH		GYMNOSARDA UNICOLOR	800764
	POECILIIDAE		THUNNUS ALBACARES	800764
	XIPHOPHORUS HELLERII	802366		
			FUNCTION	
			CARANGIDAE	800379
			LUTJANIDAE	
AGGREGATING BEHAVIOR	CHAETODONTIDAE		LUTJANUS ARGENTIVENTRIS	800379
	CHAETODON MILIARIS	800598	MULLIDAE	
	HENIOCHUS ACUMINATUS	800598	MULLOIDICHTHYS DENTATUS	800379
	PERCIDAE		POMADASYIDAE	800379
	PERCA FLUVIATILIS	802370	SCIAENIDAE	
	POMACENTRIDAE		UMBRINA XANTI	800379
	ABUDEFDUF TROSCHELLII	800379	CLUPEIDAE	
	CHROMIS ATRIOBATA	800379	HARENGULA THRISSINA	800379
	HEXAGRAMMIDAE		CYPRINIDAE	
	PLEUROGRAMMUS AZONUS	800760	RUTILUS RUTILUS	803193
CYPRINIDAE	802370		803290	
JUVENILE		EXPERIMENTAL ANALYSIS		
SALMONIDAE		LIGHT		
ONCORHYNCHUS TSHAWYTSCHA	802558	CARANGIDAE		
SPECIES RECOGNITION		TRACHURUS SYMMETRICUS	802384	
CHAETODONTIDAE		DEVELOPMENT		
HOLACANTHUS ISABELITA	800581	ATHERINIDAE		
HOLACANTHUS CILIARIS	800581	MENIDIA MENIDIA	801187	
		MENIDIA BERYLLINA	801187	
		LARVA		
		CLUPEIDAE		
		CLUPEA HARENGUS	802233	
SCHOOLING				
	TELEOSTEI	800914	PEROMONES	
	MACRORHAMPHOSIDAE	803246	TELEOSTEI	803246
	MACRORHAMPHOSUS GRACILIS	801858	SALMONIDAE	
	ACANTHURIDAE		SALMO GAIRDNERII	802553
	ACANTHURUS TRIOSTEGUS	803086		
	NASO HEXACANTHUS	800336		
		800598		
	GOBIIDAE		SCHRECKSTOFFE	
	CORYPHOPTERUS PERSONATUS	801949	EXPERIMENTAL ANALYSIS	
CARANGIDAE	800336	CYPRINIDAE		
	800598	BRACHYDANIO RERIO	802685	
	802649	DESCRIPTIVE EVOLUTION		
		CYPRINIDAE		
		BRACHYDANIO RERIO	802357	
		GROUP EFFECT		
		OXYGEN CONSUMPTION		
		EGG		

FRY		CENTROPRISTIS PHILADELPHICUS	802188	SOCIAL BEHAVIOR
SALMONIDAE		MORONE SAXATILIS	802764	(CONTINUED)
SALMO ISCHCHAN	802449		802875	
STRESS REACTIONS			802968	
TEMPERATURE			802970	HOME RANGE AND MIGRATIONS
SALMONIDAE			802986	
SALMO GAIRDNERII	802553		802999	
		PLECTROPLITES AMBIGUUS	803044	
		RYPTICUS MACULATUS	802188	
		SPARIDAE		
		CHRYSOPHRYS MAJOR	801851	
HOME RANGE AND HOMING		SCOMBRIDAE		
MYXINOMORPHA		SCOMBER SCOMBRUS	802006	
MYXINE GLUTINOSA	801208	THUNNUS	801880	
TELEOSTEI	802131	BOTHIDAE		
PERCIDAE		CITHARICHTHYS SPILOPTERUS	802188	
ETHEOSTOMA BLENNOIODES	800147	ETROPUS MICROSTOMUS	802188	
ETHEOSTOMA CAERULEUM	800147	SYACIUM PAPILLOSUM	802188	
ETHEOSTOMA FLABELLARE	800147	PLEURONECTIDAE		
ETHEOSTOMA NIGRUM	800147	PLEURONECTES PLATESSA	801829	
ETHEOSTOMA VARIATUM	800147		802131	
ETHEOSTOMA ZONALE	800147			
STIZOSTEDION VITREUM	800880	COTTIDAE		
	801027	COTTUS ALEUTICUS	802698	
PLEURONECTIDAE		ANOPLOPOMATIDAE		
PLEURONECTES PLATESSA	802131	ANOPLOPOMA FIMBRIA	803061	
ANOPLOPOMATIDAE		HEXAGRAMMIDAE		
ANOPLOPOMA FIMBRIA	800755	PLEUROGRAMMUS AZONUS	800760	
POECILIIDAE		SCORPAENIDAE		
POECILIA LATIPINNA	801573	SCORPAENA PLUMIERI	802188	
CLUPEIDAE		CLUPEIDAE		
CLUPEA HARENGUS	802131	ALOSA SAPIDISSIMA	803373	
ANGUILLIDAE		CLUPEA HARENGUS	800866	
ANGUILLA ANGUILLA	802131		801003	
ANGUILLA ROSTRATA	802131		801438	
CATOSTOMIDAE			801439	
ERIMYZON TENUIS	802638		801829	
CYPRINIDAE			801888	
LEUCISCUS RUTILUS	800696		801950	
ICTALURIDAE			802131	
ICTALURUS PUNCTATUS	802533		802138	
GADIDAE		HILSA ILISHA	802766	
GADUS MORHUA	802131	SARDINA PILCHARDUS	802026	
SALMONIDAE	802131	SPRATTUS SPRATTUS	802026	
ONCORHYNCHUS GORBUSCHA	801888	ENGRAULIDAE		
ONCORHYNCHUS KETA	801853	ENGRAULIS JAPONICA	800921	
ONCORHYNCHUS KISUTCH	800892	ANGUILLIDAE		
	801069	ANGUILLA	803459	
	802531	ANGUILLA ANGUILLA	801148	
ONCORHYNCHUS NERKA	802579		801637	
SALMO SALAR	801440		801829	
SALMO TRUTTA	801555		802131	
	802780	ANGUILLA JAPONICA	800762	
	802780	ANGUILLA MARMORATA	800762	
		ANGUILLA ROSTRATA	800580	
SALVELINUS FONTINALIS			801829	
EXPERIMENTAL ANALYSIS			802131	
CENTRARCHIDAE			802469	
LEPOMIS CYANELLUS	803453		802188	
SERRANIDAE		OPHICHTHIDAE		
MORONE CHRYSOPS	803453	CYPRINIDAE		
ANGUILLIDAE		CHALCABURNUS	802491	
ANGUILLA ANGUILLA	803379	CHONDROSTOMA NASUS	801390	
SALMONIDAE		IDUS IDUS	803202	
ONCORHYNCHUS TSHAWYTSCHA	802311	LABEO CYLINDRICUS	802689	
	802410	LEUCISCUS IDUS	803202	
	802410	LEUCISCUS LEUCISCUS	803202	
		VIMBA VIMBA	802491	
EFFECT ON FISH		GADIDAE		
INFRASPECIFIC VARIATION		BOREOGADUS SAIDA	801136	
SERRANIDAE		GADUS MORHUA	801829	
MORONE CHRYSOPS	801516		802131	
		TRISOPTERUS ESMARKII	801127	
		MERLUCCIIDAE		
MIGRATIONS		MERLUCCIIUS BILINEARIS	802484	
PETROMYZONTOMORPHA	801637	OPHIDIIDAE		
	803459	OPHIDION GRAYI	802188	
LAMPETRA FLUVIATILIS	803320	RISSOLA MARGINATA	802188	
TELEOSTEI	801484	GOBIESOCIFORMES		
	802131	GOBIESOX STRUMOSUS	802188	
GASTEROSTEIDAE		ESOCIDAE		
GASTEROSTEUS ACULEATUS	803459	ESOX LUCIUS	800421	
BLENNOIDAE			802972	
HYPLEUROCHILUS GEMINATUS	802188	APLOCHITONIDAE	800149	
HYPSOBLENNIUS HENTZ	802188	GALAXIIDAE	800149	
CLINIDAE		GALAXIAS ARGENTEUS	800149	
LABRISOMUS NUCHIPINNIS	802188	GALAXIAS BREVIPINNIS	800149	
GOBIIDAE		GALAXIAS DIVERGENS	800149	
GOBIUS MINUTUS	802718	GALAXIAS FASCIATUS	800149	
CARANGIDAE		GALAXIAS GRACILIS	800149	
TRACHINOTUS CAROLINUS	802188	GALAXIAS MACULATUS	801269	
TRACHINOTUS FALCATUS	802188		801963	
GERREIDAE			803235	
EUCINOSTOMUS ARGENTEUS	802188	GALAXIAS PAUCISPONDYLUS	800149	
PERCIDAE		GALAXIAS POSTVECTIS	800149	
PERCA FLUVIATILIS	803202	GALAXIAS PROGNOTHUS	800149	
STIZOSTEDION VITREUM	800880	GALAXIAS USITATUS	800149	
POMACENTRIDAE		GALAXIAS VULGARIS	800149	
ABUDEFDUF SAXATILIS	802188	NEOCHANNA APODA	800149	
ABUDEFDUF TAURUS	802188	NEOCHANNA DIVERSUS	800149	
POMADASYIDAE		RETROPINNIDAE	800149	
ANISOTREMUS SURINAMENSIS	802188	MYCTOPHIDAE		
SCIAENIDAE		CERATOSCOPELUS TOWNSENDI	802816	
MENTICIRRHUS LITTORALIS	802188	OSMERIDAE		
MICROPOGON UNDULATUS	802763	MALLOTUS VILLOSUS	801116	
UMBRINA COROIDES	802188		801117	
SERRANIDAE			801118	
CENTROPRISTES STRIATUS	802188	OSMERUS EPERLANUS	801888	
			801126	

SOCIAL BEHAVIOR (CONTINUED)	PLECOGLOSSIDAE	803459	ANGUILLA ROSTRATA	802565
	PLECOGLOSSUS ALTIVELIS	800768	DESCRIPTION AND OCCURRENCE	
	SALMONIDAE	802131	DESCRIPTIVE EVOLUTION	
SOUND PRODUCTION	COREGONUS LAVARETUS	800873	ACIPENSEROMORPHA	802797
	COREGONUS MUJSUN	800873	SALMONIDAE	802797
	COREGONUS NASUS	800873	CALCIUM	
	ONCORHYNCHUS	801829	ION AND WATER RELATIONSHIPS	
		802961	SALMONIDAE	
		803459	SALMO SALAR	803053
	ONCORHYNCHUS GORBUSCHA	802110		
		802555		
		802861		
		802965	ANADROMY	
	ONCORHYNCHUS KETA	801853	PETROMYZONTOMORPHA	
		802109	MORDACIA MORDAX	801366
		802110	MORDACIA PRAECOX	801366
		802861	GALAXIIDAE	800976
	ONCORHYNCHUS KISUTCH	802891	SALMONIDAE	
		801069	SALVELINUS MALMA	800998
		802107	DESCRIPTIVE EVOLUTION	
		802343	ACIPENSEROMORPHA	800851
		802344	SALMONIDAE	800851
		802345		
	ONCORHYNCHUS MASOU	802346		
	ONCORHYNCHUS NERKA	802670		
		802110	CATADROMY	
		802343	TELEOSTEI	800173
		802426	GOBIIDAE	
	ONCORHYNCHUS TSHAWYTSCHA	803168	SICYDIUM BREVIFILE	800173
		803182	APLOCHITONIDAE	800149
		801066	GALAXIIDAE	800149
		801978	GALAXIAS MACULATUS	800149
		802107	RETROPINNIDAE	800149
		802344		
		802345		
		802746		
	SALMO GAIRDNERII	802746		
	SALMO SALAR	800248		
		801480	VERTICAL MIGRATIONS	
		801694	TELEOSTEI	803099
		801701	MELAMPHEIDAE	
		801950	POROMITRA CRASSICEPS	801858
		802567	ISTIOPHORIDAE	
	SALMO TRUTTA	803459	MAKAIRA NIGRICANS	802191
		801555	SERRIVOMERIDAE	
		802780	SERRIVOMER SECTOR	801858
		803084	ALEPOCEPHALOIDEI	
		803339	SAGAMICHTHYS ABEI	801858
	SALVELINUS ALPINUS	803083	ARGENTINIDAE	802296
	SALVELINUS FONTINALIS	801694	BATHYLAGIDAE	
		802780	BATHYLAGUS STILBIUS	801858
		802343	MYCTOPHIDAE	802060
		802781		802296
	SALVELINUS MALMA	802356	DIAPHUS HOLTI	802060
	SALVELINUS NAMAYCUSH	802352	DIAPHUS RAFINESQUEI	802060
	STENODUS LEUCICHTHYS	803075	LAMPADENA	803087
	THYMALLUS ARCTICUS		SCOPELARCHIDAE	801858
	THYMALLUS THYMALLUS		CHAULIODONTIDAE	
LIPID METABOLISM			CHAULIODUS MACOUNI	802296
SALINITY			MELANOSTOMIATIDAE	
ACIPENSEROMORPHA			TACTOSTOMA MACROPUS	802296
ACIPENSER GULDENSTAEDTI	803059		LARVA	
ACIPENSER STELLATUS	803059		PERCIDAE	
ION AND WATER RELATIONSHIPS			STIZOSTEDION LUCIOPERCA	802825
TELEOSTEI	803319		YOUNG	
SALMONIDAE			ANOPLOPOMATIDAE	
ONCORHYNCHUS KISUTCH	803143		ANOPLOPOMA FIMBRIA	803161
LARVA			CIRCADIAN RHYTHMS	
ACIPENSEROMORPHA			GADIDAE	
ACIPENSER GULDENSTAEDTI	803200		LOTA LOTA	802495
ACIPENSER RUTHENUS	803200			
HUSO HUSO	803200			
GADIDAE				
LOTA LOTA	803499			
FRY				
MUGILOIDEI			SOUND PRODUCTION	
MUGIL AURATUS	802826		TELEOSTEI	801666
MUGIL CEPHALUS	802826		HOLOCENTRIDAE	
MUGIL SALIENS	802826		HOLOCENTRUS ASCENSIONIS	800411
YOUNG			HOLOCENTRUS LACTEOGUTTATUS	800336
SALMONIDAE			SYNGNATHIDAE	
ONCORHYNCHUS NERKA	802967		HIPPOCAMPUS ERECTUS	801663
ONCORHYNCHUS TSHAWYTSCHA	802767		LABRIDAE	
	802967		XYRICHTHYS	800411
	802967		CARANGIDAE	
SALMO GAIRDNERII	802967		CARANX	800411
RATE OF GROWTH			CARANX CRYOS	800411
SCALE AGE STUDY			SERIOLA	800411
SALMONIDAE			CICHLIDAE	
ONCORHYNCHUS TSHAWYTSCHA	801818		TILAPIA MOSSAMBICA	800538
INHERITANCE			POMACENTRIDAE	
SALMONIDAE			EUPOMACENTRUS	800411
ONCORHYNCHUS NERKA	800359		POMADASYIDAE	
CIRCADIAN RHYTHMS			HAEMULON ALBUM	800411
SALMONIDAE			HAEMULON SCIURUS	800411
ONCORHYNCHUS NERKA	802768		SCIAENIDAE	
SEASONAL CHANGES			CYNOSCION REGALIS	800411
SALMONIDAE			SERRANIDAE	
SALVELINUS MALMA	802340		EPINEPHELUS GUTTATUS	800411
NATURAL MORTALITY			SPARIDAE	
SALMONIDAE			LAGODON RHOMBOIDES	800411
ONCORHYNCHUS KISUTCH	801643		TRIGLIDAE	801950
ABNORMALITY			PRIONOTUS	800411
HEART			BALISTIDAE	800012
SALMONIDAE			BALISTES	800411
SALMO GAIRDNERII	803381		BALISTES BURSA	800336
EXPERIMENTAL ANALYSIS			OSTRACIONIDAE	
LIGHT				
ANGUILLIDAE				





SOCIAL BEHAVIOR (CONTINUED)	ORYZIATIDAE		GALAXIAS MACULATUS	800149
	ORYZIAS LATIPES	800809	GALAXIAS VULGARIS	801960
	POECILIIDAE	801332	HARPADONTIDAE	
REPRODUCTION	POECILIA RETICULATA	803261	HARPADON NEHEREUS	802649
	BELONIDAE		MYCTOPHIDAE	802060
	STRONGYLURA STRONGYLURA	802649	LOBIANCHIA DOFLEINI	802060
	EXOCOETIDAE		OSMERIDAE	
	CYPSSELURUS	802649	MALLOTUS VILLOSUM	801121
	DERMOGENYS PUSILLUS	800387	OSMERUS EPERLANUS	800873
	SCOMBERESOCIDAE			801126
	COLOLABIS SAIRA	800693		802547
	CLUPEIDAE		SALMONIDAE	801437
	ALOSA PSEUDOHARENGUS	801881		802131
	ALOSA SAPIDISSIMA	801810	COREGONUS AUTUMNALIS	802828
	CLUPEA HARENGUS	800997	COREGONUS PELED	800873
		802131	HUCHO HUCHO	803292
	SARDINA PILCHARDUS	801906	ONCORHYNCHUS NERKA	802531
	SARDINELLA LONGICEPS	802649	ONCORHYNCHUS TSHAWYTSCHA	801978
	ANGUILLIDAE		SALMO GAIRDNERII	800070
	ANGUILLA ANGUILLA	802131	SALMO ISCHCHAN	801517
	ANGUILLA ROSTRATA	801437	SALMO TRUTTA	803339
		802131	THYMALLUS THYMALLUS	803075
	CHARACIDAE		SKELETON AGE STUDY	
	APHYOCHARAX RUBRIPINNIS	801670	ACIPENSEROMORPHA	
		803280	ACIPENSER TRANSMONTANUS	802599
	CHEIRODON AXELRODI	800540	SEASONAL CHANGES	
		801214	BIOCHEMICAL BLOOD CONSTITUENTS	
	GYMNOCORYMBUS TERNETZI	800027	SALMONIDAE	
		800094	ONCORHYNCHUS GORBUSCHA	801820
	HEMIGRAMMUS HYANUARY	800273	BIOCHEMISTRY	
	HEMIGRAMMUS MARGINATUS	800391	LIVER	
	HEMIGRAMMUS NANUS	801077	SALMONIDAE	
	HYDROCYNUS VITTATUS	802689	ONCORHYNCHUS GORBUSCHA	801887
	HYPHESOBRYCON HERBERTAXELRODI	800376	FUNCTION	
		800533	NEUROSECRETION IN BRAIN	
	METYNNIS SCHREITMUELLERI	801661	ADENOHYPOPHYSIS	
	NEMATOBRYCON PALMERI	800005	GOBIIDAE	
		801636	GOBIUS MELANOSTOMUS	802810
	PHENACOGRAMMUS INTERRUPTUS	800315	EXPERIMENTAL ANALYSIS	
	PYRRHULINA METAE	801464	CICHLIDAE	
	THAYERIA BOEHLKEI	800863	ETROPLUS MACULATUS	800545
	LEBIASINIDAE		EFFECT ON FISH	
	NANNOSTOMUS EQUES	800314	CORTICAL HORMONES	
	NANNOSTOMUS MARGINATUS	800541	SALMONIDAE	
	COBITIDAE		ONCORHYNCHUS NERKA	801741
	BOTIA MODESTA	801724		
	CYPRINIDAE			
	ABRAMIS BRAMA	802150		
	BARBUS ARULIUS	801396		
		803257	SEX RECOGNITION	
	BARBUS HOLUBI	802254	CICHLIDAE	
		802689	TILAPIA NILOTICA	803238
	BARBUS NIGROFASCIATUS	802198	POECILIIDAE	
	BARBUS PENTAZONA	800388	POECILIA SPHENOPS	801168
	BARBUS TETRAZONA	800853		
	BLICCA BJOERKNA	802030		
	BRACHYDANIO FRANKI	800228		
	CATLA CATLA	803293		
	CHROSOMUS ERYTHROGASTER	802066	COURTSHIP	
	LABEO BICOLOR	800108	GASTEROSTEIDAE	
		800285	GASTEROSTEUS WHEATLANDI	802608
		800291	BELONTIIDAE	
	LEUCISCUS IDUS	801500	BETTA SPLENDENS	801374
	NOTEMIGONUS CRYSOLEUCAS	803247	MACROPODUS OPERCULARIS	803419
	PIMEPHALES PROMELAS	803247	TRICHOGASTER LEERI	802742
	PLATYTROCTES APUS	802198	GOBIIDAE	
	PUNTIUS CONCHONIUS	800107	PERIOPHTHALMUS CHRYSOSPILOS	803213
	RASBORA HETEROMORPHA	800522	LABRIDAE	
	RASBORA MACULATA	803386	LABROIDES PHTHIROPHAGUS	802628
	RASBORA UROPHTHALMA	803386	CHAETODONTIDAE	
	RHODEUS SERICEUS	803259	POMACANTHUS AUREUS	800581
	RUTILUS RUTILUS	801322	POMACANTHUS PARU	800581
		802030	CICHLIDAE	
	SCARDINIUS ERYTHROPHthalmus	802030	TILAPIA ALCALICA	800711
	AMPHILIIDAE	801217	TILAPIA GRAHAMI	800711
	CALLICHTHYIDAE		TILAPIA GUINEENSIS	801972
	CORYDORAS	802710	TILAPIA MACROCHIR	801972
	CORYDORAS HASTATUS	800318	TILAPIA RUKWAENSIS	800711
	CORYDORAS PALEATUS	800846	TILAPIA VARIABILIS	800711
	CORYDORAS PYGMAEUS	800318	EMBIOTOCIDAE	
	CORYDORAS SCHULTZEI	800659	CYMATOGASTER AGGREGATA	801259
	HOPLOSTERNUM THORACATUM	802499	DIODONTIDAE	
	CLARIIDAE		DIODON HYSTRIX	801949
	CLARIAS BATRACHUS	802081	POECILIIDAE	
	CLARIAS GARIEPINUS	802689	XIPHOPHORUS HELLERII	800857
	CLARIAS MACROCEPHALUS	802081	XIPHOPHORUS MACULATUS	800857
	CLARIAS MELLANDI	800245	XIPHOPHORUS VARIATUS	800857
	LORICARIIDAE		CATOSTOMIDAE	
	LORICARIA	802710	CATOSTOMUS COMMERSONI	802286
	XENOCARA	802710	CATOSTOMUS MACROCHEILUS	802286
	MORMYRIDAE		CYPRINIDAE	
	GNATHONEMUS MONTEIRII	800245	CYPRINUS CARPIO	802485
	OSTEOGLOSSIDAE		GADIDAE	
	OSTEOGLOSSUM BICIRRHOSUM	800104	MELANOGRAMMUS AEGLEFINUS	801950
	OSTEOGLOSSUM FERREIRAI	800104	EMOTIONAL COLOR CHANGE	
	GADIDAE		LABRIDAE	
	GADUS MORHUA	802131	TAUTOGA ONITIS	802760
	MICROGADUS TOMCOD	800277	FUNCTION	
	MICROMESISTIUS POUTASSOU	801982	EXPERIMENTAL ANALYSIS	
	TRISOPTERUS ESMARKII	802143	BELONTIIDAE	
	ESOCIDAE		TRICHOGASTER LEERI	802743
	ESOX	801437	EXPERIMENTAL ANALYSIS	
	UMBRIDAE		GASTEROSTEIDAE	
	UMBRA KRAMERI	801368	GASTEROSTEUS ACULATUS	803452
	GALAXIIDAE			803460
	GALAXIAS ATTENUATUS	801270	BELONTIIDAE	
	GALAXIAS BURROWSIUS	801962	BETTA SPLENDENS	803466

	GOBIIDAE		DISTRIBUTION WITHIN HABITAT	SOCIAL BEHAVIOR
	BATHYGOBIUS SOPORATOR	803460	PERCIDAE	(CONTINUED)
	CICHLIDAE	803460	PERCA FLUVIATILIS	803202
	POECILIIDAE	803460	CYPRINIDAE	
	POECILIA RETICULATA	801771	IDUS IDUS	803202
	ADENOHYPOPHYSIS		LEUCISCUS IDUS	803202
	CICHLIDAE		LEUCISCUS LEUCISCUS	803202
	AEQUIDENS PORTALEGRENSIS	803146	SALMONIDAE	
	TESTIS		COREGONUS PELED	803199
	POECILIIDAE		DEVELOPMENT	
	XIPHOPHORUS MACULATUS	802679	BELONTIIDAE	
	DESCRIPTIVE EVOLUTION		BETTA SPLENDENS	801374
	CYPRINODONTIDAE			
	FLORIDICHTHYS CARPIO	800381		
	JORDANELLA FLORIDAE	800381		
	POECILIIDAE			
	XIPHOPHORUS	801733		
			NEST CONSTRUCTION	
			GASTEROSTEIDAE	
			GASTEROSTEUS WHEATLANDI	802608
			BELONTIIDAE	801629
			BETTA SPLENDENS	801046
				801374
				801046
			COLISA	803419
			MACROPODUS OPERCULARIS	802742
			TRICHOGASTER LEERI	803162
			GOBIIDAE	803213
			PERIOPHTHALMODON SCHLOSSERI	803213
			PERIOPHTHALMUS CHRYSOSPILOS	803213
			PERIOPHTHALMUS KALOLO	803213
			PERIOPHTHALMUS SOBRINUS	803213
			CENTRARCHIDAE	
			LEPOMIS CYANELLUS	802992
			POMOXIS ANNULARIS	802724
			CICHLIDAE	
			PELMATOCHROMIS	800709
			TILAPIA ALCALICA	800711
			TILAPIA GRAHAMI	800685
				800711
			TILAPIA RUKWAENSIS	800711
			TILAPIA VARIABILIS	800711
			CLARIIDAE	
			CLARIAS BATRACHUS	802081
			CLARIAS MACROCEPHALUS	802081
			SALMONIDAE	
			ONCORHYNCHUS NERKA	800010
				802531
			SALMO GAIRDNERII	802697
			SALVELINUS MALMA	800998
			TERRITORIALITY	
			CYPRINIDAE	
			PIMEPHALES NOTATUS	802534
			EXPERIMENTAL ANALYSIS	
			GASTEROSTEIDAE	
			GASTEROSTEUS ACULEATUS	802214
				803460
			BELONTIIDAE	
			BETTA SPLENDENS	800776
			CICHLIDAE	803460
			WATER MOVEMENT	
			SALMONIDAE	802962
			PARENTAL CARE OF EGGS	
			BELONTIIDAE	
			MACROPODUS OPERCULARIS	803419
			TRICHOGASTER LEERI	802742
			GOBIIDAE	
			CORYPHOPTERUS GLAUCOFRAENUM	801949
			LABRIDAE	
			CRENILABRUS MELOPS	801571
			ACANTHOCLINIDAE	
			ACANTHOCLINUS QUADRIDACTYLUS	803215
			CICHLIDAE	
			SYMPHYSODON	801656
			TILAPIA RENDALLI	800266
			TILAPIA THOLLONI	800266
			POMACENTRIDAE	800556
			ABUDEFDUF SAXATILIS	801710
			EUPOMACENTRUS PARTITUS	801949
			HYPSPOPS RUBICUNDA	800777
			DACTYLOSCOPIDAE	
			DACTYLOSCOPUS TRIDIGITATUS	801949
			COTTIDAE	
			MYOXOCEPHALUS QUADRICORNIS	803077
			HEXAGRAMMIDAE	
			OPHIODON ELONGATUS	801067
			CYPRINODONTIDAE	
			JORDANELLA FLORIDAE	800381
			FUNCTION	
			EXPERIMENTAL ANALYSIS	
			CENTRARCHIDAE	
			MICROPTERUS SALMOIDES	802840
			EXPERIMENTAL ANALYSIS	
			GASTEROSTEIDAE	
			GASTEROSTEUS ACULEATUS	803460
			CICHLIDAE	803460
			CICHLASOMA NIGROFASCIATUM	800782
			ADENOHYPOPHYSIS	
			CICHLIDAE	
			AEQUIDENS PORTALEGRENSIS	803146
			PROLACTIN	
			CICHLIDAE	
			PTEROPHYLLUM SCALARE	802528
			DEVELOPMENT	
			BELONTIIDAE	

SOCIAL BEHAVIOR (CONTINUED)	BETTA SPLENDENS	801374	PAVLOVIAN CONDITIONING	
BEHAVIOR IN EXPERIMENTS			CYPRINIDAE	
			CARASSIUS AURATUS	803050
			ELECTRIC ORGANS	
			MORMYRIDAE	803446
ORAL BROODING			CONDITIONED AUTONOMIC RESPONSES	
APOGONIDAE			CYPRINIDAE	
APOGON IMBERBIS	800548		CARASSIUS AURATUS	800795
APOGON MACULATUS	801949			801384
APOGON PSEUDOMACULATUS	801949			
ASTRAPOGON STELLATUS	801949			
CICHLIDAE	801024		BRAIN INJURY	
CHETIA BREVIS	801793		THALAMUS	
PELMATOCHROMIS	800709		CYPRINIDAE	
PELMATOCHROMIS GUENTHERI	800125		CARASSIUS AURATUS	803445
PSEUDOTROPHEUS AURATUS	800383			
	801025		EXPERIMENTAL ANALYSIS	
PSEUDOTROPHEUS ZEBRA	801025		TEMPERATURE	
SERRANOCHROMIS MERIDIANUS	801217		CYPRINIDAE	
TILAPIA BUSUMANA	802624		CARASSIUS AURATUS	803447
TILAPIA GALILAEA	803110			
TILAPIA GRAHAMI	800685			
TILAPIA MACROCHIR	803110			
TILAPIA MOSSAMBICA	801217			
	803110			
	803239		AVOIDANCE CONDITIONING	
TILAPIA NILOTICA			BELONTIIDAE	
OPISTOGNATHIDAE			MACROPODUS OPERCULARIS	803091
OPISTOGNATHUS WHITEHURSTI	801949		PERCIDAE	
OSTEOGLOSSIDAE			ACERINA CERNUA	800962
OSTEOGLOSSUM BICIRRHOSUM	800104		STIZOSTEDION SANDRA	800962
EXPERIMENTAL ANALYSIS			POECILIIDAE	
CICHLIDAE			POECILIA FORMOSA	803449
TILAPIA NILOTICA	803418		CYPRINIDAE	
TILAPIA HEUDELLOTI	803418		CARASSIUS AURATUS	801774
DESCRIPTIVE EVOLUTION				802267
CICHLIDAE	800269			803102
TILAPIA	800389			803243
				803289
				803444
PARENTAL CARE OF YOUNG			SALMONIDAE	
CICHLIDAE			ONCORHYNCHUS KETA	802234
PTEROPHYLLUM SCALARE	801195		ELECTRIC ORGANS	
SYMPHYSDON	801656		MORMYRIDAE	
TILAPIA	803371		GNATHONEMUS	801770
TILAPIA THOLLONI	800266		VISUAL SENSES	
OSTEOGLOSSIDAE			EAR FUNCTIONS	
HETEROTIS NILOTICUS	803371		SPARIDAE	
EXPERIMENTAL ANALYSIS			LAGODON RHOMBOIDES	803350
CICHLIDAE			BRAIN INJURY	
TILAPIA MARIAE	800269		THALAMUS	
TILAPIA NILOTICA	800269		CYPRINIDAE	
	803418		CARASSIUS AURATUS	803445
TILAPIA GALILAEA	800269		MEMORY MECHANISMS	
TILAPIA THOLLONI	800269		CHEMICAL BRAIN TREATMENT	
	803418		CYPRINIDAE	
TILAPIA HEUDELLOTI	800269		CARASSIUS AURATUS	803449
	803418		EXPERIMENTAL ANALYSIS	
TRISTRAMELLA SIMONIS	800269		TEMPERATURE	
PROLACTIN			CYPRINIDAE	
CICHLIDAE			CARASSIUS AURATUS	803447
PTEROPHYLLUM SCALARE	802528			
PARTURITION			INSTRUMENTAL CONDITIONING	
ORECTOLOBIDAE			TELEOSTEI	803095
GINGLYMOSTOMA CIRRATUM	803464		BELONTIIDAE	
EMBIOTOCIDAE			BETTA SPLENDENS	803101
CYMATOGASTER AGGREGATA	801259		CHAETODONTIDAE	
POECILIIDAE			MICROCANTHUS STRIGATUS	801645
POECILIA RETICULATA	800026		CICHLIDAE	
	803362		TILAPIA HEUDELLOTI	803454
EXOCOETIDAE			OPLEGNATHIDAE	
DERMOGENYS PUSILLUS	803363		OPLEGNATHUS FASCIATUS	801645
HEMIRHAMPHODON POGONOGNATHUS	803363		SERRANIDAE	
			EPINEPHELUS STRIATUS	801949
			POECILIIDAE	
			POECILIA RETICULATA	800551
			CYPRINIDAE	
			CARASSIUS AURATUS	800464
				801413
ATTRACTION TO PARENTS				803264
EXPERIMENTAL ANALYSIS				803438
CICHLIDAE				803454
NANNACARA ANOMALA	800546			803095
TILAPIA NILOTICA	803418		SCARDINIUS ERYTHROPHthalmus	
TILAPIA THOLLONI	803418		MALAPTERURIDAE	
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HIPPOGLOSSUS STENOLEPIS	801221	SEMIONOTOMORPHA	801700	
LIMANDA ASPERA	801780	TELEOSTEI	801791	
LIMANDA FERRUGINEA	800758		801944	
	801888		802678	
PLEURONECTES PLATESSA	801846		802649	
PSEUDOPLEURONECTES AMERICANUS	800758	SCARIDAE		
REINHARDTII HIPPOGLOSSOIDES	801888	MUGILOIDEI		
SCOPHTHALMIDAE		ALDRICHETTA FORSTERI	802677	
SCOPHTHALMUS MAXIMUS	800715	ARRIPIDIDAE		
	801846	ARRIPIS TRUTTA	801200	
SCOPHTHALMUS RHOMBUS	801846	BRANCHIOSTEGIDAE		
SCORPAENIDAE		BRANCHIOSTEGUS JAPONICUS	801579	
SEBASTES MARINUS	800758	CHEILODACTYLIDAE		
	801888	NEMADACTYLUS MACROPTERUS	801204	
SEBASTODES ALUTUS	801780	LACTARIIDAE		
CLUPEIDAE	802392	LACTARIUS LACTARIUS	802649	
ALOSA FINTA	800715	LUTJANIDAE	802649	
	800719	SERRANIDAE		
ALOSA SAPIDISSIMA	801810	CENTROPISTES STRIATUS	801712	
CLUPEA HARENGUS	800335	SILLAGINIDAE		
	800727	SILLAGO SIHAMA	802649	
	800758	SPARIDAE		
	800866	CHRYSOPTERYGUS AURATUS	800993	
	801786	POLYNEMOIDEI	802649	
	801846	GEMPYLIDAE		
	801888	LEONURA ATUN	801202	
	801971	ISTIOPHORIDAE	801404	
SARDINA PILCHARDUS	801906		802052	
SARDINOPS CAERULEA	801610		801404	
	802823	SCOMBRIDAE	801775	
ENGRAULIDAE			802052	
ENGRAULIS MORDAX	801610	EUTHYNNUS	802649	
ENGRAULIS RINGENS	801383	EUTHYNNUS PELAMIS	801782	
ANGUILLIDAE			801705	
ANGUILLA ANGUILLA	800719	KATSUWONUS PELAMIS	801980	
	801148	SCOMBER JAPONICUS	801705	
CATOSTOMIDAE			800828	
CATOSTOMUS	802392		800829	
MOXOSTOMA	802392		801099	
CYPRINIDAE		THUNNUS	801782	
CYPRINUS CARPIO	800700	THUNNUS ALBACARES	801705	
	801313	THUNNUS THYNNUS	801203	
	802392	TRICHIURIDAE	802649	
SILURIDAE		CYNOGLOSSIDAE		
SILURUS GLANIS	800715	CYNOGLOSSUS SEMIFASCIATUS	802649	
GADIDAE	801846	PLATYCEPHALOIDEI		
BROSME BROSME	800758	NEOPLATYCEPHALUS RICHARDSONI	801204	
GADUS MORHUA	800727	EXOCOETIDAE		
	800758	CYPSSELURUS	802649	
	801888	HEMIRAMPHUS FAR	803423	
LOTA LOTA	800719	HYPORHAMPHUS QUOYI	803423	
MELANOGRAMMUS AEGLEFINUS	800758	CHIROCENTRIDAE		
	801888	CHIROCENTRUS DORAB	802649	
POLLACHIUS VIRENS	800758	CLUPEIDAE	802649	
THERAGRA CHALCOGRAMMUS	801780	CLUPEA HARENGUS	801786	
UROPHYCIS TENUIS	800758	SARDINA PILCHARDUS	801906	
MERLUCCIIDAE		ENGRAULIDAE	802649	
MERLUCCIIUS BILINEARIS	800758	ANGUILLIDAE		
MERLUCCIIUS PRODUCTUS	801780	ANGUILLA ROSTRATA	801435	
ESOCIDAE		CHARACIDAE		
ESOX LUCIUS	800719	ALESTES BAREMOSE	800933	
OSMERIDAE		ARIIDAE	802649	
OSMERUS EPERLANUS	800719	HARPADONTIDAE		
OSMERUS MORDAX	802392	HARPADON NEHEREUS	802649	
SALMONIDAE	802392	SALMONIDAE		
COREGONUS CLUPEAFORMIS	802406	ONCORHYNCHUS	801090	
COREGONUS OXYRHYNCHUS	800715		801093	
	800719		801225	
ONCORHYNCHUS TSHAWYTSCHA	801422	ONCORHYNCHUS GORBUSCHA	802110	
	801978	ONCORHYNCHUS KETA	802110	
SALMO SALAR	800715	ONCORHYNCHUS NERKA	802110	
	800719	SALMO SALAR	801701	
	801701	NETTING	801905	
SALVELINUS NAMAYCUSH	802406	CLUPEIDAE		
	800842	HILSA	803430	
	801784	TRAWLING		
		ELASMOBRANCHII	801976	
		TELEOSTEI	801976	
		POISON COLLECTING		
		TELEOSTEI	803424	
		LIGHT		
		TELEOSTEI	801211	
		EXPERIMENTAL ANALYSIS		
		STICHAEIDAE		
		LUMPENUS ANGUILLARIS	800489	
		EMBLOTIDAE		
		DITREMA TEMMINCKI	800489	
		SERRANIDAE		
		LATEOLABRAX JAPONICUS	800489	
		SPARIDAE		
		SPARUS AWINONIC	800489	
		PLEURONECTIFORMES	800489	
		HEXAGRAMMIDAE		
		HEXAGRAMMUS OCTOGRAMMUS	800489	
FISHING METHODS	800408			
	800893			
	800914			
	801000			
	801495			
	801533			
	801746			
	801781			
	801783			
	801785			
	801904			
	801950			
	802737			
	803041			

FISHING AND FISHERIES (CONTINUED)	SCORPAENIDAE			801944
	SEBASTODES INERMIS	800489		802032
	SALMONIDAE			802131
	SALMO TRUTTA	802914		802167
BAIT FISH				
SCOMBRIDAE				
EUTHYNNUS PELAMIS	801980			
MELANOAEINIDAE				
PRANESUS INSULARUM	801775			
SCOMBERESOCIDAE				
COLOLABIS SAIRA	801775			
ENGRAULIDAE				
ANCHOVIELLA PURPUREA	801775			
STOLEPHORUS PURPUREUS	801775			
CYPRINIDAE				
NOTROPIS ATERINOIDES	800194			
NOTROPIS HUDSONIUS	800194			
FISHING GEAR SELECTIVITY	802323			
	802452			
	802482			
GASTEROSTEIDAE				
GASTEROSTEUS ACULEATUS	802803			
BRANCHIOSTEGIDAE				
BRANCHIOSTEGUS JAPONICUS	801579			
CARANGIDAE				
SERIOLA QUINQUERADIATA	801840			
PERCIDAE	802803			
SERRANIDAE				
MORONE SAXATILIS	802986			
SPARIDAE				
CHRYSOPHRYS MAJOR	801840			
SCOMBRIDAE				
EUTHYNNUS PELAMIS	803388			
ANGUILLIDAE				
ANGUILLA ANGUILLA	802803			
CYPRINIDAE	802803			
ABRAMIS BRAMA	802482			
GADIDAE				
LOTA LOTA	802803			
OSMERIDAE				
OSMERUS EPERLANUS	802803			
SALMONIDAE				
ONCORHYNCHUS GORBUSCHA	802110			
ONCORHYNCHUS KETA	802110			
ONCORHYNCHUS NERKA	802110			
FISHERY PRODUCTS	801000			
ANGUILLIDAE				
ANGUILLA ROSTRATA	801435			
FISHERY DYNAMICS	802246			
	802429			
TELEOSTEI	801829			
	802722			
CLUPEIDAE				
CLUPEA HARENGUS	801829			
SARDINOPS CAERULEA	802966			
GADIDAE				
GADUS MORHUA	801829			
SALMONIDAE				
ONCORHYNCHUS	801829			
FISHERY STATISTICS	801376			
	802452			
PETROMYZONTOMORPHA				
LAMPETRA FLUVIATILIS	801079			
	803320			
ELASMOBRANCHII	801778			
	802032			
	802167			
RAJOMORPHA	801846			
RAJIDAE	801776			
	801807			
SQUALOMORPHA	800893			
	801846			
	802649			
	803304			
SQUALIDAE				
SQUALUS ACANTHIAS	801776			
	801807			
	802918			
ACIPENSEROMORPHA	801807			
	802032			
ACIPENSER	803187			
ACIPENSER GULDENSTAEDTI	803187			
ACIPENSER MEDIOSTRIS	800892			
ACIPENSER STELLATUS	803187			
ACIPENSER TRANSMONTANUS	800892			
HUSO HUSO	803187			
TELEOSTEI	801755			
GASTEROSTEIDAE				
GASTEROSTEUS ACULEATUS	802803			
SIGANIDAE				
SIGANUS FUSCESCENS	802516			
AMMODYTIDAE				
AMMODYTES	801846			
AMMODYTES PERSONATUS	802516			
ANARHICHADIDAE				
ANARHICHAS	801846			
PHOLIDIDAE				
ENEDRIAS NEBULOSUS	802516			
CALLIONYMOIDEI				
CALLIONYMUS RICHARDSONI	802516			
Gobiidae				
ACANTHOGOBIIUS FLAVIMANUS	802516			
GLOSSOGOBIIUS GIURUS	801946			
MUGILOIDEI	802649			
MUGIL CEPHALUS	802516			
ARRIPIDAE				
ARRIPIS TRUTTA	801200			
BRANCHIOSTEGIDAE				
BRANCHIOSTEGUS JAPONICUS	800479			
CARANGIDAE	802649			
CARANX TRACHURUS	801846			
SERIOLA DORSALIS	801778			
SERIOLA QUINQUERADIATA	802516			
TRACHURUS JAPONICUS	800892			
TRACHURUS SYMMETRICUS	801778			
	801815			
	802871			
	802778			
	802741			
CICHLIDAE				
TILAPIA				
EMBIOTOCIDAE				
DITREMA TEMMINCKI	802516			
KYPHOSIDAE				
GIRELLA PUNCTATA	802516			
LACTARIIDAE				
LACTARIUS LACTARIUS	802649			
LEIOGNATHIDAE	802649			
LEIOGNATHUS NUCHALIS	802516			
MULLIDAE	802649			
PERCIDAE	802803			
PERCA FLUVIATILIS	803321			
STIZOSTEDION LUCIOPERCA	801923			
	803196			
SCIAENIDAE	802649			
CYNOSCION NOBILIS	801778			
	803096			
GENYONEMUS LINEATUS	801778			
MICROPOGON UNDULATUS	802763			
SERRANIDAE				
LATEOLABRAX JAPONICUS	802516			
MORONE SAXATILIS	802763			
SILLAGINIDAE				
SILLAGO SIHAMA	802516			
SPARIDAE	801846			
CHRYSOPHRYS AURATUS	800993			
CHRYSOPHRYS MAJOR	802516			
MYLIO MACROCEPHALUS	802516			
STENOTOMUS CHRYSOPS	801776			
	802985			
THERAPONIDAE				
THERAPON OXYRHYNCHUS	802516			
POLYNEMOIDEI	802649			
GEMPYLIDAE				
LEIONURA ATUN	801202			
SCOMBRIDAE	801775			
	801778			
	801846			
	801977			
	802287			
	802649			
	803388			
EUTHYNNUS PELAMIS	801819			
KATSUWONUS PELAMIS	801098			
SCOMBER JAPONICUS	801099			
	801815			
SCOMBER SCOMBRUS	802006			
THUNNUS	802270			
THUNNUS ALALUNGA	800892			
	801849			
	802963			
THUNNUS ALBACARES	801610			
	803366			
THUNNUS THYNNUS	801203			
TRICHIURIDAE	802649			
TRICHIURUS JAPONICUS	802516			
XIPHIIDAE				
XIPHIAS GLADIUS	801778			
SPHYRAENOIDEI	802649			
SPHYRAENA ARGENTEA	801778			
SPHYRAENA PINGUIS	802516			
STROMATEIDAE	802649			
PEPRILUS TRIACANTHUS	801776			
PLEURONECTIFORMES	801778			
BOTHIDAE	801807			
PARALICHTHYS OBLONGUS	801776			
SCOPHTHALMUS AQUOSUS	801776			
SCOPHTHALMUS MAXIMUS	801846			
SCOPHTHALMUS RHOMBUS	801846			
CYNOGLOSSIDAE	802649			
PLEURONECTIDAE	800892			

	801776	DISTICHODUS MOSSAMBICUS	802778	FISHING AND FISHERIES
	801807	DISTICHODUS SCHENGA	802778	(CONTINUED)
	801846	CYPRINIDAE	802660	
GLYPTOCEPHALUS CYNOGLOSSUS	801888		802803	
HIPPOGLOSSOIDES PLATISSOIDES	801888	ABRAMIS BRAMA	802150	
HIPPOGLOSSUS STENOLEPIS	802151		802482	
KAREIUS BICOLORATUS	802516		803190	
LIMANDA FERRUGINEA	801888	ASPIUS ASPIUS	803196	
PLEURONCTES PLATISSA	800334	BARBUS BRACHYCEPHALUS	803196	
REINHARDTIUS HIPPOGLOSSOIDES	801888	CARASSIUS AURATUS	802516	
SCOPHTHALMIDAE		CATLA CATLA	803293	
SCOPHTHALMUS MAEOTICUS	802005	CHALCALBURNUS CHALCOIDES	803196	
SCOPHTHALMUS MAXIMUS	801846	CYPRINUS CARPIO	801968	
SCOPHTHALMUS RHOMBUS	801846		802516	
SOLEIDAE			803196	
HETEROMYCTERIS JAPONICUS	802516	GNATHOPOGON CAERULESCENS	801455	
SOLEA SOLEA	801846	ISCHIKAUIA STEENACKERII	802516	
COTTIDAE		LABEO ALTIVELIS	802778	
HEMITRIPTERUS AMERICANUS	801776	LABEO CONGORO	802778	
MYOXOCEPHALUS OCTODECEMSPINOSUS	801776	RUTILUS RUTILUS	803196	
ANOPLOPOMATIDAE			802649	
ANOPLOPOMA FIMBRIA	801778	ARIIDAE		
	801807	BAGRIDAE		
HEXAGRAMMIDAE		MYSTUS AOR	802660	
AGRAMMUS AGRAMMUS	802516	MYSTUS SEENGHALA	802660	
HEXAGRAMMOS OTAKII	802516	CLARIIDAE		
OPHIODON ELONGATUS	800892	CLARIAS MOSSAMBICUS	802778	
	801778	ICTALURIDAE		
	801807	PYLODICTIS OLIVARIS	802708	
PLATYCEPHALOIDEI		PANGASIIDAE		
PLATYCEPHALUS INDICUS	802516	PANGASIUS PANGASIUS	802660	
SCORPAENIDAE	800892	PLOTOSIDAE	802649	
	801778	SCHILBEIDAE		
	801807	SILONIA SILONIA	802660	
SEBASTES	801846	SILURIDAE		
SEBASTES MARINUS	801776	SILURUS GLANIS	803196	
	801888	WALLAGONIA ATTU	802660	
SEBASTES OBLONGUS	802516	MORMYRIDAE		
SEBASTODES ALUTUS	801807	MORMYRUS DELICIOSUS	802778	
SEBASTODES INERMIS	802516	MORMYRUS LONGIROSTRIS	802778	
TRIGLIDAE		BREGMACEROTIDAE		
CHELIDONICHTHYS KUMU	802516	BREGMACEROS MACCLELLANDI	802649	
TRIGLA	801846	GADIDAE	801776	
TRIGLA HIRUNDO	802165		801846	
BALISTIDAE		GADUS MACROCEPHALUS	800892	
RUDARIUS ERCODES	802516		801807	
TETRAODONTIDAE		GADUS MERLANGUS	801950	
FUGU NIPHOBLES	802516	GADUS MORHUA	801804	
ATHERINIDAE			801888	
ATHERINA BLEEKERI	802516		801950	
BELONIDAE	801846		802300	
	802649	LOTA LOTA	802803	
ABLENNES ANASTOMELLA	802516	MELANOGRAMMUS AEGLEFINUS	801804	
EXOCOETIDAE	802649		801888	
HEMIRAMPHUS KURUMEUS	802516		801950	
PROGNICHTHYS AGOO	802516	THERAGRA CHALCOGRAMMUS	801807	
SCOMBERESOCIDAE		TRISOPTERUS ESMARKII	801950	
COLOLABIS SAIRA	801778		802143	
CHIROCENTRIDAE		MERLUCCIIDAE	801846	
CHIROCENTRUS DORAB	802649	MERLUCCIUS BILINEARIS	801776	
CLUPEIDAE	801846	MERLUCCIUS MERLUCCIUS	800892	
	802649	MERLUCCIUS PRODUCTUS	801778	
ALOSA PSEUDOHARENGUS	801776		801807	
ALOSA SAPIDISSIMA	800892	ZOARCIDAE		
	801778	MACROZOARCES AMERICANUS	801776	
	801807	LOPHIIDAE		
CLUPEA HARENGUS	800335	LOPHIUS AMERICANUS	801776	
	801776	ARGENTINIDAE		
	801778	ARGENTINA SILUS	801776	
	801815	ESOCIDAE		
	801888	ESOX LUCIUS	803196	
	801950	GALAXIIDAE		
	801966	GALAXIAS MACULATUS	803235	
	801971	SALANGIDAE		
	802138	SALANGICHTHYS MICRODON	802516	
	802248	HARPADONTIDAE		
CLUPEA SPRATTUS	801950	HARPADON NEHEREUS	802649	
ETRUMEUS MICROPUS	802516	SYNODONTIDAE	802649	
HARENGULA ZUNASI	802516	SAURIDA UNDOSSQUAMIS	802516	
KONOSIRUS PUNCTATUS	802516	OSMERIDAE	800892	
SARDINOPS CAERULEA	801610		801778	
	801778		801846	
	801815	HYPOMESUS OLIDUS	802516	
	802966	OSMERUS EPERLANUS	801079	
SARDINOPS MELANOSTICTA	802516		802803	
ENGRAULIDAE	802649	SALMONIDAE	800892	
ENGRAULIS ENCRASICHOLUS	802004		801778	
ENGRAULIS JAPONICA	802516	COREGONUS ALBULA	801846	
ENGRAULIS MORDAX	801778	COREGONUS CYLINDRACEUS	801968	
	801815	COREGONUS PELED	803322	
ANGUILLIDAE		ONCORHYNCHUS GORBUSCHA	801079	
ANGUILLA ANGUILLA	801435		803343	
	801846	ONCORHYNCHUS KISUTCH	803199	
	801968	ONCORHYNCHUS NERKA	801068	
	802803		801888	
ANGUILLA JAPONICA	801435		801069	
	802516		801908	
ANGUILLA ROSTRATA	801435		800359	
CONGRIDAE			802531	
ASTROCONGER MYRIASTER	802516		802758	
CONGER CONGER	801846	ONCORHYNCHUS TSHAWYTSCHA	801072	
MURAENESOCIDAE	802649		801978	
MURAENESOX CINEREUS	802516	SALMO SALAR	801079	
CHARACIDAE			801950	
ALESTES BAREMOSE	800933	WEIGHT LENGTH RELATIONSHIP		
HYDROCYNUS VITTATUS	802778	PERCIDAE		
DISTICHODONTIDAE		STIZOSTEDION LUCIOPERCA	803074	

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EUTHYNNUS PELAMIS	801819	ACIPENSEROMORPHA	802482	FISHING AND FISHERIES
KATSUWONUS PELAMIS	801819	ACIPENSER TRANSMONTANUS	802599	(CONTINUED)
THUNNUS THYNNUS	802287	TELEOSTEI	801779	
CLUPEIDAE		GASTEROSTEIDAE		
CLUPEA HARENGUS	802248	GASTEROSTEUS ACULEATUS	802803	
CYPRINIDAE		CARANGIDAE	801777	
ABRAMIS BRAMA	802482	CENTRARCHIDAE	800513	
GADIDAE		LEPOMIS MACROCHIRUS	802723	
GADUS MORHUA	802300	CORYPHAENIDAE	801777	
ESOCIDAE		LUTJANIDAE	801777	
ESOX MASQUINONGY	802421	PERCIDAE	802803	
SALMONIDAE	800892	SCIAENIDAE	801777	
COREGONUS CLUPEIFORMIS	802902	SERRANIDAE	801777	
ONCORHYNCHUS KISUTCH	802343	SCOMBRIDAE	801777	
ONCORHYNCHUS TSHAWYTSCHA	801162		802287	
SALMO SALAR	802567	EUTHYNNUS PELAMIS	801775	
SALMO TRUTTA	802253	KATSUWONUS PELAMIS	801775	
	802914	THUNNUS ALALUNGA	801775	
	803084	THUNNUS ALBACARES	801775	
SALVELINUS NAMAYCUSH	802902		801977	
		THUNNUS OBESUS	803366	
		PLEURONECTIDAE	801775	
RECRUITMENT	802482	ATHERESTES STOMIAS	801780	
ARRIPIDIDAE		HIPPOGLOSSOIDES ELASSODON	801780	
ARRIPIS TRUTTA	801799	HIPPOGLOSSUS HIPPOGLOSSUS	802139	
PERCIDAE		LEPIDOPSETTA BILINEATA	801780	
PERCA FLUVIATILIS	803321	LIMANDA ASPERA	801780	
STIZOSTEDION VITREUM	800876	MICROSTOMUS PACIFICUS	801780	
SCOMBRIDAE		ANOPILOMATIDAE		
THUNNUS OBESUS	800897	ANOPILOPOMA FIMBRIA	801780	
PLEURONECTIDAE		SCORPAENIDAE		
HIPPOGLOSSUS STENOLEPIS	802151	SEBASTODES ALUTUS	801780	
GADIDAE		POECILIIDAE		
GADUS MORHUA	802300	POECILIA RETICULATA	801826	
MATHEMATICAL POPULATION MODELS	802607	EXOCEOTIDAE	801777	
		CLUPEIDAE	801777	
		ANGUILLIDAE		
		ANGUILLA ANGUILLA	802803	
		CYPRINIDAE	802803	
		ABRAMIS BRAMA	802482	
		GADIDAE		
STANDING CROP		GADUS MACROCEPHALUS	801780	
RAJIDAE	801776	LOTA LOTA	802803	
SQUALIDAE		THERAGRA CHALCOGRAMMUS	801780	
SQUALUS ACANTHIAS	801776	MERLUCCIIDAE		
	801780	MERLUCCIUS PRODUCTUS	801780	
CENTRARCHIDAE	801877	OSMERIDAE		
SPARIDAE		OSMERUS EPERLANUS	802803	
STENOTOMUS CHRYSOPS	801776	SALMONIDAE	800513	
STROMATEIDAE				
PEPRILUS TRIACANTHUS	801776			
BOTHIDAE				
PARALICHTHYS OBLONGUS	801776			
SCOPHTHALMUS AQUOSUS	801776			
PLEURONECTIDAE	801776	PRODUCTIVITY	801947	
ATHERESTES STOMIAS	801780		802322	
HIPPOGLOSSOIDES ELASSODON	801780		802332	
LEPIDOPSETTA BILINEATA	801780		802478	
LIMANDA ASPERA	801780		803377	
MICROSTOMUS PACIFICUS	801780			
SCOPHTHALMIDAE		ACIPENSEROMORPHA		
SCOPHTHALMUS AQUOSUS	801776	ACIPENSER GULDENSTAEDTI	802443	
COTTIDAE		ACIPENSER RUTHENUS	802443	
HEMITRIPTERUS AMERICANUS	801776	TELEOSTEI	800135	
MYOXOCEPHALUS OCTODECEMSPINOSUS	801776	GASTEROSTEIDAE		
SCORPAENIDAE		GASTEROSTEUS ACULEATUS	800966	
SEBASTES MARINUS	801776	CENTRARCHIDAE	800513	
SEBASTODES ALUTUS	801780	LEPOMIS MACROCHIRUS	802723	
CLUPEIDAE		PERCIDAE	802443	
ALOSA PSEUDOHARENGUS	801776	PERCA FLUVIATILIS	801443	
CLUPEA HARENGUS	801776		802948	
DOROSOMA CEPEDIANUM	801877	STIZOSTEDION LUCIOPERCA	800132	
CATOSTOMIDAE	801877		802948	
CYPRINIDAE	801877	PLEURONECTIDAE		
CYPRINUS CARPIO	801877	LIOPSETTA OBSCURA	802893	
NOTROPIS CHRYSOCEPHALUS	801877	COTTIDAE		
GADIDAE	801776	COTTUS GOBIO	800966	
GADUS MACROCEPHALUS	801780	COTTUS PERPLEXUS	800009	
THERAGRA CHALCOGRAMMUS	801780	GYMNOCANTHUS HERZENSTEINI	802893	
MERLUCCIIDAE		ANGUILLIDAE		
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LETHAL ENVIRONMENTAL LIMITS			CYPRINIDAE		
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LEUCASPIUS DELINEATUS	803475		CYPRINUS CARPIO	800901	
MALATHION			ZACCO PLATYPUS	800901	
EXPERIMENTAL ANALYSIS			OSMERIDAE		
CYPRINIDAE			HYPOMESUS OLIDUS	800901	
CYPRINUS CARPIO	802064				
PIMEPHALES PROMELAS	802064				
MIREX					
EFFECT ON FISH					
CENTRARCHIDAE			WASTE TREATMENT FOR HABITAT		
LEPOMIS MACROCHIRUS	802753		EXPERIMENTAL ANALYSIS		
CYPRINIDAE			HEAVY METAL POLLUTANTS		
CARASSIUS AURATUS	802753		SALMONIDAE		
SALMONIDAE			SALVELINUS FONTINALIS	803109	
SALMO CLARKII	802753				
OXYGEN CONSUMPTION					
EFFECT ON FISH					
CENTRARCHIDAE					
LEPOMIS MACROCHIRUS	800167		EXPLOSIONS UNDERWATER		
			EFFECT ON FISH		
			GADIDAE		
			LOTA LOTA	800986	
HERBICIDE POLLUTANTS	802069		PERCOPSIDAE		

PERCOPSIS OMISCOMAYCUS	800986		802069	CONSERVATION OF FISH
SALMONIDAE			802071	(CONTINUED)
COREGONUS ARTEDI	800986		802073	
COREGONUS CLUPEAFORMIS	800986		802074	FISH CULTURE
			802075	
			802076	
			802077	
			802278	
			802330	
			803226	
			803227	
			803263	
			802529	
FISH KILL				
MYLIOBATIDAE			803226	
MYLIOBATIS CALIFORNICUS	802873		803227	
CARCHARHINIDAE			803263	
RHINOTRIACIS HENLEI	802873	TELEOSTEI	802529	
TRIAKIS SEMIFASCIATA	802873	BELONTIIDAE		
TELEOSTEI	801006	BETTA SPLENDENS	801669	
	801442	MUGILOIDEI		
	801640	MUGIL CEPHALUS	802078	
	801706	CARANGIDAE		
	802104	TRACHINOTUS CAROLINUS	802078	
	803373		803178	
TRYPACHENIDAE		CENTRARCHIDAE	803248	
TRYPACHEN VAGINA	800446	MICROPTERUS SALMOIDES	802079	
CICHLIDAE		CENTROPOMIDAE		
ETROPLUS SURATENSIS	800446	LATES NILOTICUS	802080	
CYPRINIDAE		CICHLIDAE	800036	
CARASSIUS CARASSIUS	800901		802072	
CYPRINUS CARPIO	800901		802078	
	801539	HEMICHROMIS FASCIATUS	802080	
	802978	TILAPIA	802080	
ZACCO PLATYPUS	800901	PERCIDAE		
ARIIDAE		STIZOSTEDION LUCIOPERCA	802079	
TACHYSURUS DUSSUMIERI	800446	SCIAENIDAE		
TACHYSURUS THALASSINUS	800446	PLAGIOSCION SQUAMOSISSIMUS	800036	
OSMERIDAE		PLAGIOSCION SURINAMENSIS	800036	
HYPOMESUS OLIDUS	800901	SCOMBRIDAE		
PROTOZOA		PNEUMATOPHORUS DIEGO	803263	
PLEURONECTIDAE	801950	CLUPEIDAE		
SALMONIDAE		SARDINOPS CAERULEA	803263	
SALMO TRUTTA	801950	CHARACIDAE	800036	
CESTODA		CATOSTOMIDAE		
CRUSTACEA		CATOSTOMUS COMMERSONII	803247	
GASTEROSTEIDAE		ICTIOBUS BUBALUS	802078	
GASTEROSTEUS ACULEATUS	803125	ICTIOBUS CYPRINELLUS	802078	
ALKALI POLLUTANTS		ICTIOBUS NIGER	802078	
CYPRINIDAE	802660	CYPRINIDAE	802070	
			803263	
		ARISTICHTHYS NOBILIS	802079	
			802084	
		BARBUS HOLUBI	802254	
		CARASSIUS AURATUS	802079	
		CATLA CATLA	803293	
		CTENOPHARYNGODON IDELLA	802078	
			802079	
			802084	
		CYPRINUS CARPIO	801885	
			801969	
			802078	
			802079	
			802080	
			802082	
			802794	
			803217	
			803263	
		HYPOPHthalmichthys MOLITRIX	802079	
			802084	
			802494	
		NOTEMIGONUS CRYSOLEUCAS	803247	
		PIMEPHALES PROMELAS	803247	
		TINCA TINCA	802079	
		AUCHENIPTERIDAE		
		TRACHYCORYSTES	800036	
		CLARIIDAE		
		CLARIAS BATRACHUS	802081	
		CLARIAS MACROCEPHALUS	802081	
		ICTALURIDAE	800061	
		ICTALURUS PUNCTATUS	802078	
			803248	
		SILURIDAE		
		SILURUS GLANIS	802079	
		OSTEOGLOSSIDAE		
		ARAPAIMA GIGAS	800036	
		HETEROTIS NILOTICUS	802080	
		CHANIDAE		
		CHANOS CHANOS	802529	
		ESOCIDAE		
		ESOX LUCIUS	802079	
		SALMONIDAE	800768	
			803263	
		COREGONUS LAVARETUS	802079	
		COREGONUS PELED	802079	
		ONCORHYNCHUS KETA	802919	
		SALMO GAIRDNERII	802082	
			802169	
		SALMO SALAR	801950	
		SALMO TRUTTA	802169	
		POUNDS AND LIVE CARS		
		CYPRINIDAE		
		CYPRINUS CARPIO	803228	
		AQUARIA AND WATER SYSTEMS		
		ANGUILLIDAE		
		ANGUILLA JAPONICA	803228	
		CYPRINIDAE		
		CYPRINUS CARPIO	803228	
FISH CULTURAL METHODOLOGY	800063	MARINE ENVIRONMENT		
	800064	TELEOSTEI	801155	
	800065	MINERAL WATERS		
	800066	MUGILOIDEI		
	801886			

FISH CULTURE (CONTINUED)	MUGIL CEPHALUS	802086	CLARIAS MACROCEPHALUS	802081
	CICHLIDAE		ICTALURIDAE	800786
	TILAPIA NILOTICA X		ICTALURUS PUNCTATUS	800085
	TILAPIA AUREA X	802086		803248
	TILAPIA AUREA X		BAIT FISH	
	TILAPIA NILOTICA X	802086	CATOSTOMIDAE	
	CYPRINIDAE		CATOSTOMUS COMMERSONI	803247
	CYPRINUS CARPIO	802086	CYPRINIDAE	
SWAMPS AND MARSHES			NOTEMIGONUS CRYSOLEUCAS	803247
CYPRINIDAE			PIMEPHALES PROMELAS	803247
CYPRINUS CARPIO		802085	ARTIFICIAL POPULATION MANIPULATION	
POPULATION DENSITY			MUGILOIDEI	
SALMONIDAE			MUGIL CEPHALUS	802086
SALMO GAIRDNERII		802843	CICHLIDAE	
HEAT POLLUTION			TILAPIA NILOTICA X	
CYPRINIDAE			TILAPIA AUREA X	802086
CYPRINUS CARPIO		802083	CYPRINIDAE	
			CYPRINUS CARPIO	802086
			FISH AS FOOD	
			CYPRINIDAE	
			CYPRINUS CARPIO	801883
FISH CULTURAL STATISTICS		800062	SALMONIDAE	
		800893	SALMO GAIRDNERII	801883
		801037		
		803226		
		803263		
		801755		
CENTRARCHIDAE		801036	HATCHERY PRODUCTIVITY	
ANGUILLIDAE		801968	ICTALURIDAE	
ANGUILLA ANGUILLA		803228	ICTALURUS PUNCTATUS	801379
		800061	SALMONIDAE	801036
ANGUILLA JAPONICA		803263	ONCORHYNCHUS NERKA	802531
CATOSTOMIDAE		800067	ONCORHYNCHUS TSHAWYTSCHA	802346
CYPRINIDAE		801036	SALMO GAIRDNERII	802145
CYPRINUS CARPIO		801037		802346
		801441		
		801549		
		801968		
		803039	ARTIFICIAL BREEDING ENVIRONMENTS	
		803219	ANABANTOIDEI	800034
		803223	CENTRARCHIDAE	
		803228	LEPOMIS CYANELLUS	801378
SALMONIDAE		801036	LEPOMIS MACROCHIRUS	801378
		801755	LEPOMIS MICROLOPHUS	801378
		801968	MICROPTERUS SALMOIDES	802836
ONCORHYNCHUS KISUTCH		801069	CYPRINIDAE	800034
SALMO SALAR		801950	CTENOPHARYNGODON IDELLA	800045
ARTIFICIAL FEEDS AND FEEDING			CYPRINUS CARPIO	800039
POND FERTILIZATION AND FEEDING				800048
CYPRINIDAE				801493
CYPRINUS CARPIO		801038		801536
				801538
			HYPOPTHALMICHTHYS MOLITRIX	800045
			ICTALURIDAE	800035
			ICTALURUS PUNCTATUS	801378
PONDFISH PRODUCTIVITY		800939		
		801037		
		802278		
		803263		
MUGILOIDEI		800519	ARTIFICIAL FERTILIZATION	
MUGIL CEPHALUS		802088	PLEURONECTIDAE	
CENTRARCHIDAE		800786	PAROPHRYS VETULUS	802868
LEPOMIS MACROCHIRUS		801378	POECILIIDAE	
		802652	XIPHOPHORUS HELLERII	801633
LEPOMIS MICROLOPHUS		801378	CLUPEIDAE	
LEPOMIS MICROLOPHUS X			BREVOORTIA SMITHI X	
LEPOMIS CYANELLUS X		800992	BREVOORTIA PATRONUS X	802745
MICROPTERUS SALMOIDES		801378	CYPRINIDAE	802077
		802836	CARASSIUS AURATUS	800313
		803248	CTENOPHARYNGODON IDELLA	801048
CICHLIDAE				803218
TILAPIA AUREA		800519	HYPOPTHALMICHTHYS MOLITRIX	803218
CYPRINIDAE		801535	SALMONIDAE	
		801546	SALMO SALAR	802381
CARASSIUS AURATUS		801943		802430
CTENOPHARYNGODON IDELLA		802085	ARTIFICIAL SELECTION	
CYPRINUS CARPIO		800134	SALMONIDAE	
		800518	SALMO GAIRDNERII	802647
		800519		
		801036		
		801037		
		801213	ARTIFICIAL INCUBATION	
		801441	CICHLIDAE	
		801493	TILAPIA HEUDELOTI	800269
		801534	TILAPIA NILOTICA	800269
		801536	TILAPIA THOLLONI	800269
		801540	PLEURONECTIDAE	
		801541	PAROPHRYS VETULUS	802868
		801542	CLUPEIDAE	
		801543	ALOSA SAPIDISSIMA	803374
		801547	CATOSTOMIDAE	
		801548	CATOSTOMUS COMMERSONI	803247

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FISH CULTURE (CONTINUED)	LEPOMIS MICROLOPHUS	801378	ANTIMYCIN A	
	MICROPTERUS SALMOIDES	800051	CYPRINODONTIDAE	
		801378	CYPRINODON VARIEGATUS	802507
		802079	CROTON TIGLIUM	
FISH AND MEDICINE	CICHLIDAE		TELEOSTEI	803424
	TILAPIA	801545	TOXAPHEN	
	TILAPIA AUREA	800052	CYPRINIDAE	803225
	TILAPIA GALILAEA	800054	TOXAPHENE	
	TILAPIA MACROCHIR	800054	TELEOSTEI	802532
	TILAPIA MOSSAMBICA	800051		
		800053		
		800054		
		802278		
	TILAPIA NIGER	800054	FISH TRANSPORTATION	
	TILAPIA NILOTICA	800054	SALMONIDAE	803180
	TILAPIA RENDALLI	800054	SALVELINUS FONTINALIS	802695
	TILAPIA ZILLII	800054		800088
	PERCIDAE			802664
	STIZOSTEDION LUCIOPERCA	802079	FRY	
		802082	CYPRINIDAE	
	SERRANIDAE		CATLA CATLA	801873
	LATEOLABRAX JAPONICUS	800053	LABEO ROHITA	801873
	POECILIIDAE		YOUNG	
	GAMBUSIA AFFINIS	800051	ANGUILLIDAE	
	CATOSTOMIDAE		ANGUILLA ANGUILLA	803220
	CATOSTOMUS COMMERSONII	803247	ANESTHETICS	
	CYPRINIDAE	800054	CLUPEIDAE	
		802082	DOROSOMA CEPEDIANUM	802849
		802278	SARDINA PILCHARDUS	802168
	ARISTICHTHYS NOBILIS	800053	SPATIAL ORIENTATION	
	CIRRHINA MOLITORELLA	800053	ACIPENSEROMORPHA	
	CTENOPHARYNGODON IDELLA	800053	ACIPENSER GULDENSTAEDTI	802454
		801545	MUGILOIDEI	
		801969	MUGIL	802454
		802085	CYPRINIDAE	
		803039	CARASSIUS AURATUS	802454
	CYPRINUS CARPIO	800052	CTENOPHARYNGODON IDELLA	802454
		800053	SALMONIDAE	
		800067	COREGONUS PELED	802454
		801545	EXPERIMENTAL ANALYSIS	
		801969	SALMONIDAE	
		802079	SALVELINUS FONTINALIS	802835
		802082		
		802827		
		803039		
	HYPOPHthalmichthys MOLITRIX	800053	DOMESTICATED FISH	
		801545	CYPRINIDAE	802278
		802085	CYPRINUS CARPIO	800930
		803039		801551
	MYLOPHARYNGODON PICEUS	800053		802278
	NOTEMIGONUS CRYSOLEUCAS	803247		803334
	OSTEOCHILUS HASSELTII	800053		
	PARABRAMIS PEKINENSIS	800053		
	PIMEPHALES PROMELAS	800051		
		803247		
	PUNTIUS JAVANICUS	800053	PUBLIC AQUARIUM FISH	801602
	TINCA TINCA	800052		801600
	ICTALURIDAE			
	ICTALURUS NEBULOSUS	800051		
	ICTALURUS PUNCTATUS	800051		
		800882		
		801378		
		803248	PET FISH	
	SILURIDAE		CYPRINIDAE	
	SILURUS GLANIS	801969	CARASSIUS AURATUS	803256
		802079		
	OSTEOGLOSSIDAE			
	HETEROTIS NILOTICUS	800054		
	CHANIDAE			
	CHANOS CHANOS	800053	POISONOUS FISH	
	ESOCIDAE		CHIMAEROMORPHA	
	ESOX LUCIUS	802079	HYDROLAGUS COLLIEI	803181
		802082	SQUALOMORPHA	800006
		802082	SQUALIDAE	
	SALMONIDAE		SOMNIOSUS MICROCEPHALUS	803181
	COREGONUS PELED X		TELEOSTEI	802034
	COREGONUS LAVARETUS X	802827	GRAMMISTIDAE	
	SALMO GAIRDNERII	802082	RYPTICUS SAPONACEUS	801917
		802827	SCOMBRIDAE	800006
			TETRAODONTIDAE	800006
				801114
				803181
FISH CONTROL AGENTS			SPHAEROIDES MACULATUS	
EGG			CYPRINODONTIDAE	
SALMONIDAE			FUNDULUS DIAPHANUS	803181
ONCORHYNCHUS KISUTCH	800079		FUNDULUS HETEROCLITUS	803181
LARVA			CLUPEIDAE	
SALMONIDAE			HARENGULA CLUPEOLA	801917
ONCORHYNCHUS TSHAWYTSCHA	800079		HARENGULA HUMERALIS	801917
EXPERIMENTAL ANALYSIS			OPISTHONEMA OGLINUM	800113
CENTRARCHIDAE	800077			
CYPRINIDAE			EXPERIMENTAL ANALYSIS	
NOTEMIGONUS CRYSOLEUCAS	800077		TETRAODONTIDAE	
ICTALURIDAE	800077		SPHAEROIDES MACULATUS	802984
SALMONIDAE	800079			
SALMO GAIRDNERII	800077			
ANTIMYCIN				
EFFECT ON FISH			CIGUATERA PRODUCING	
PERCIDAE			TELEOSTEI	800006
PERCA FLAVESCENS	802854		ACANTHURIDAE	803086
CATOSTOMIDAE			LABRIDAE	
CATOSTOMUS COMMERSONII	802854		LACHNOLAIMUS MAXIMUS	801917
CYPRINIDAE	802854		CARANGIDAE	801917
GADIDAE			CARANX IGNOBILIS	803086
LOTA LOTA	802854		CHARANX MELAMPYGUS	803086
SALMONIDAE			SERIOLA AUROEVITTATA	801106
SALVELINUS FONTINALIS	802854		LETHRINIDAE	



LETHRINUS MINIATUS	803086	BERYX SPLENDENS	800826	FISH AND MEDICINE
LETHRINUS VARIEGATUS	803086	CARANGIDAE		(CONTINUED)
LUTJANIDAE	801917	TRACHURUS JAPONICUS	800826	
LUTJANUS BOHAR	801114	GEMPYLIDAE		
LUTJANUS GIBBUS	803086	PROMETHEICHTHYS PROMETHEUS	800826	
LUTJANUS MONOSTIGMUS	803086	SCOMBRIDAE		
NEMIPTERIDAE		AUXIS TAPEINOSOMA	800826	
GNATHODENTEX GRANDOCULIS	803086	OSMERIDAE		
SERRANIDAE	801917	OSMERUS MORDAX	803276	
	803086	PLECOGLOSSIDAE		
MYCTEROPERCA VENENOSA	801949	PLECOGLOSSUS ALTIVELIS	802360	
SCOMBRIDAE		SALMONIDAE		
SCOMBEROMORUS CABALLA	801917	SALMO SALAR	803276	
SPHYRAENOIDEI		SALVELINUS FONTINALIS	803276	
SPHYRAENA BARRACUDA	801917	BACTERIA		
	803086	SERRANIDAE		
BALISTIDAE		MORONE AMERICANA	803417	
BALISTES VETULA	801917	ICH DISEASE		
MURAENIDAE	801917	TELEOSTEI	801490	
GYMNOTHORAX JAVANICUS	803086			
GEOGRAPHIC VARIATION				
LUTJANIDAE				
LUTJANUS BOHAR	803086			
EXPERIMENTAL ANALYSIS				
CARANGIDAE		ATTACKS ON MAN		
SERIOLA DUMERILII	800835	SQUALOMORPHA	800001	
SERRANIDAE			800098	
EPINEPHELUS FUSCIGUTTATUS	800835		800112	
EPINEPHELUS HEXAGONATUS	800835		803241	
MURAENIDAE			803304	
GYMNOTHORAX JAVANICUS	800835	HEXANCHIFORMES		
		NOTORYNCHUS MACULATUS	802129	
		SPHYRAENOIDEI		
		SPHYRAENA BARRACUDA	801949	
		BELONIDAE	803360	
		MURAENIDAE		
		GYMNOTHORAX FUNEBRIS	801949	
POISONOUS ROE				
COTTIDAE				
SCORPAENICHTHYS MARMORATUS	803181			
POISONOUS BLOOD		ATTACKS ON MANMADE OBJECTS		
ANGUILLIDAE		XIPHIIDAE		
ANGUILLA ROSTRATA	803181	XIPHIAS GLADIUS	801707	
			802805	
		PARALEPIDIDAE		
		SUDIS HYALINA	800769	
VENOMOUS FISH				
CHIMAEROMORPHA				
HYDROLAGUS COLLIEI	803181	SOURCE OF PHARMACEUTICALS		
DASYATIDAE		SYNGNATHIDAE	800893	
DASYATIS CENTROURA	803181			
DASYATIS DIPTERURUS	803181			
MYLIOBATIDAE				
AETOBATUS NARINARI	801949			
SQUALIDAE				
SQUALUS ACANTHIAS	803181			
HOLOCENTRIDAE	801917			
SIGANIDAE				
SIGANUS FUSCESCENS	801029			
ICTALURIDAE	803181			
BATRACHOIDIFORMES				
PORICHTHYS NOTATUS	803181			
SPOILAGE PROBLEMS				
SCOMBRIDAE				
SCOMBER JAPONICUS	802111			
SCOMBER SCOMBRUS	802377			
PLEURONECTIDAE				
PAROPHRYX VETULUS	802475			
	802476			
HEXAGRAMMIDAE				
PLEUROGRAMMUS MONOPTERYGIUS	802111			
SCORPAENIDAE				
SEBASTES MARINUS	802400			
GADIDAE				
BOREOGADUS SAIDA	802111			
GADUS MACROCEPHALUS	802475			
	802476			
GADUS MORHUA	802395			
MELANOGRAMMUS AEGLEFINUS	802561			
SALMONIDAE				
ONCORHYNCHUS KISUTCH	802475			
	802476			
BACTERIA				
PLEURONECTIDAE				
PAROPHRYX VETULUS	801512			
ANTIVITAMIN CONTENT				
MULLIDAE	801956			
SCOMBRIDAE				
EUTHYNNUS PELAMIS	801956			
THYNNUS ALBACARES	801956			
PARASITES SHARED WITH MAN				
BERYCIDAE				



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	801719	J L B SMITH	802209	
	801723	JOHN TEEVAN	803111	
	801728	WILLIAM T INNES	802210	
		RICHARD DORN		
POISONOUS FISH	801833	YELENA FEDOROVNA YEREMEYEVA	800531	
TETRAODONTIDAE			802455	
VENOMOUS FISH	801833			
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CHALLENGER				
EXPEDITION	801835	EXPEDITION		
YEMEN		TELEOSTEI	802044	
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HUGO MULERTT				



## CYPRINIDAE

CYPRINIDAE	802901
BARBUS	802901
VARICORHINUS	802901
VOLTA L	
CENTROPOMIDAE	800174
CICHLIDAE	800174
CLUPEIDAE	800174
CHARACIDAE	800174
CITHARINIDAE	800174
DISTICHOdontIDAE	800174
HEPSETIDAE	800174
CYPRINIDAE	800174
BAGRIDAE	800174
MOCHOKIDAE	800174
SCHILBEIDAE	800174
MORMYRIDAE	800174
OSTEOGLOSSIDAE	800174

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APLOCHITONIDAE	800149
GALAXIIDAE	800149
RETROPINNIDAE	800149
NEW SOUTH WALES	
PETROMYZONTOMORPHA	
MORDACIA PRAECOX	801492
CHONDROSTEI	
LIGULALEPIS TOOMBSI	800745
SOUTH AUSTRALIA	
SYNGNATHIDAE	802054
TASMANIA	
CHIRONEMIDAE	
THREPTERIUS MACULOSUS	802913
GALAXIIDAE	
GALAXIAS AFFINIS	800987
GALAXIAS PEDDERENSIS	800987
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## EUROPE

GOBIIDAE	802799
AZOV SEA	
GOBIIDAE	800432
BLACK SEA	
GOBIIDAE	800432
GOBIUS CEPHALARGES	803156
GOBIUS PLATYROSTRIS	803156
PERCIDAE	
STIZOSTEDION LUCIOPERCA	803173
DANUBE R	
PETROMYZONTOMORPHA	800929
EUDONTOMYZON DANFORDI	800131
LAMPETRA FLUVIATILIS	800131
LAMPETRA PLANERI	800131
ACIPENSEROMORPHA	800929
ACIPENSER RUTHENUS	800131
GASTEROSTEIDAE	
GASTEROSTEUS ACULEATUS	800929
SYNGNATHIDAE	
SYNGNATHUS NIGROLINEATUS	800929
GOBIIDAE	800929
PERCIDAE	800929
ACERINA CERNUA	800131
ACERINA SCHRAETSER	800131
ASPRO ZINGEL	800131
ASPRO ASPER	800131
LUCIOPERCA LUCIOPERCA	800131
PERCA FLUVIATILIS	800131
POMATOMIDAE	
POMATOMUS SALTATRIX	800929
COTTIDAE	800929
COTTUS GOBIO	800131
ATHERINIDAE	
ATHERINA MOCHON	800929
CLUPEIDAE	800929
ANGUILLIDAE	
ANGUILLA ANGUILLA	800131

## AFRICA

AFRICA

AUSTRALIA

EUROPE

## AUSTRALIA

## EUROPE

EUROPE (CONTINUED)	COBITIDAE	800929	MYCTOPHIDAE	
	COBITIS TAENIA	800929	EOMYCTOPHUM	800747
	MISGURNUS FOSSILIS	800131	GONOSTOMATIDAE	
INDIA	NOEMACHEILUS BARBATULUS	800131	SCOPELOIDES	800747
	CYPRINIDAE	800131	VINCIGUERRIA	800747
		800929	ROMANIA	
	ALBURNUS ALBURNUS X		PETROMYZONTOMORPHA	803245
	ABRAMIS BRAMA X	800196	ELASMOBRANCHII	803245
	CTENOPHARYNGODON IDELLA	800419	ACIPENSEROMORPHA	803245
	SILURIDAE		TELEOSTEI	803245
	SILURUS GLANIS	800131	ICTALURIDAE	
		800929	ICTALURUS MELAS	803153
	GADIDAE		RUSSIA	
	LOTA LOTA	800131	DIPNOI	
		800929	CERATODUS RECTICRISTATUS	801624
	ESOCIDAE		CERATODUS MULTICRISTATUS	801624
	ESOX LUCIUS	800131	CERATODUS DONENSIS	801624
		800929	SCOTLAND	
	UMBRIDAE		ANTIARCHI	
	UMBRA KRAMERI	800929	BOTHRIOLEPIS LAVEROCKLOCHENSIS	802055
	SALMONIDAE	800929	BOTHRIOLEPIS HAYI	802055
	COREGONUS WARTMANNI	800131	BOTHRIOLEPIS TAYLORI	802055
	HUCHO HUCHO	800131	BOTHRIOLEPIS HICKLINGI	802055
	SALMO TRUTTA	800131	BOTHRIOLEPIS WILSONI	802055
	SALMO GAIRDNERII	800131	BOTHRIOLEPIS STEVENSONI	802055
	SALMO OBUSIROSTRIS	800202	SICILY	
	THYMALLUS THYMALLUS	800131	LOPHOTIDAE	
ENGLAND			LOPHOTES CEPEDIANUS	802684
GADIDAE			SPAIN	
LOTA LOTA	800246		COELACANTHINI	
OSMERIDAE			HOLOPHAGUS LERIDAE	802371
OSMERUS EPERLANUS	800626		PHOLIDOPLEURIFORMES	
ESTONIA			PLEUROPHOLIS	802371
PERCIDAE			AMOMORPHA	802371
PERCA FLUVIATILIS	800494		AMIA MONTSECHENSIS	801659
FRANCE			OPHIOPSIS MONTSECHENSIS	802371
PERLEIDIFORMES			ASPIDORHYNCHOMORPHA	
COLOBODUS	800675		ASPIDORHYNCHUS	802371
SCOMBRIDAE	801450		PYCNODONTOMORPHA	
GERMANY			COELODUS	802371
AMOMORPHA			LEPTOLEPIDOMORPHA	802371
UROCLUS OVATUS	801659		LEPTOLEPIS CRUSAFONTI	802371
IRELAND				
MOBULIDAE				
MOBULA MOBULA	801302			
SQUALIDAE				
XYNOTUS PARADOXUS	801248			
ITALY			INDIA	
BLENNIIDAE			ANABANTIDAE	
BLENNIUS FLUVIATILIS	800405		ANABAS OLIGOLEPIS	800614
JUGOSLAVIA			COBITIDAE	800878
BLENNIIDAE			NEOEUCIRRHICHTHYS MAYDELLI	800878
BLENNIUS FLUVIATILIS	800405		NOEMACHEILUS ALTIPELUNCULATUS	800878
LATVIA			NOEMACHEILUS RENDAHLI	800878
PERCIDAE			TIRAP FRONTIER	
ACERINA CERNUA	800129		COBITIDAE	800965
PERCA FLUVIATILIS	800129		CYPRINIDAE	800965
CYPRINIDAE			PUNTIUS STRACHELI	800965
ABRAMIS BRAMA	800129		PSILORHYNCHIDAE	
BLICCA BJOERKNA	800129		PSILORHYNCHUS BALITORA	800965
RUTILUS RUTILUS	800129		PSILORHYNCHUS SUCATIO	800965
SCARDINIUS ERYTHROPHthalmus	800129		AMBLYCIPITIDAE	
ESOCIDAE			AMBLYCEPS MANGOIS	800965
ESOX LUCIUS	800129		SISORIDAE	
NETHERLANDS			EXOSTOMA STUARTI	800965
GADIDAE			GLYPTOTHORAX ANNANDALEI	800965
GADUS MINUTUS	802718		UDAIPUR	
NORTH SEA			CYPRINIDAE	
YORKSHIRE			LABEO UDAIPURENSIS	803127
ISURIDAE			UTTAR PRADESH	
LAMNA NASUS	801315		CHANNIFORMES	802530
TRACHTIPTERIDAE			ANABANTIDAE	
TRACHTIPTERUS ARCTICUS	801315		ANABAS TESTUDINEUS	802530
SCOMBRIDAE			BELONTIIDAE	
EUTHYNNUS PELAMIS	801315		COLISA FASCIATA	802530
EXOCOETIDAE			GOBIIDAE	
CYPSSELURUS LINEATUS	801315		GLOSSOGOBIIUS GIURIS	802530
POLAND			MASTACEMBELIDAE	
CENTRISCIDAE			MASTACEMBELUS ARMATUS	802530
CENTRISCUS	800747		MASTACEMBELUS PANCALUS	802530
SYNGNATHIDAE			MUGILOIDEI	
HIPPOSYNGNATHUS	800747		RHINOMUGIL CORSULA	802530
HIPPOSYNGNATHUS NERITICUS	802662		SICAMUGIL CASCASIA	802530
SYNGNATHUS	800747		CENTROPOMIDAE	802530
AMMODYTIDAE			NANDIDAE	
AMMODYTES	800747		NANDUS NANDUS	802530
SERRANIDAE			SCIAENIDAE	
SERRANUS	800747		SCIAENA COITOR	802530
SCOMBROIDAE			TETRAODONTIDAE	
PALAEORHYNCHUS	800747		TETRAODON CUTCUTIA	802530
PALIMPHYES	800747		CYPRINODONTIDAE	
TRICHIURIDAE			APLOCHEILUS PANCHAX	802530
LEPIDOPUS	800747		EXOCOETIDAE	
TRACHINIDAE			HEMIRAMPHUS GORAKHPURENSIS	802530
TRACHINUS	800747		CLUPEIDAE	802530
CAPROIDAE			GUDUSIA GODANAHIAI	802530
CAPROS	800747		COBITIDAE	802530
EXOCOETIDAE			CYPRINIDAE	802530
HEMIRAMPHUS GEORGII	802662		CIRRHIUS CHAUDHRYI	802530
CLUPEIDAE			BAGRIDAE	802530
CLUPEA	800747		CHACIDAE	
GADIDAE			CHACA CHACA	802530
EOPHYCIS JAMNENSIS	802662		PANGASIIDAE	
PALEOGADUS	800747		PANGASIUUS PANGASIUUS	802530
ARGENTINIDAE			SCHILBEIDAE	802530
GLOSSANODON	800747		SISORIDAE	802530
			NOTOPTERIDAE	
			NOTOPTERUS NOTOPTERUS	802530



NORTH AMERICA (CONTINUED)	GASTEROSTEIDAE	800120	VIRGINIA	
	CENTRARCHIDAE	800120	LUTJANIDAE	
	PERCIDAE	800120	LUTJANUS	800934
	COTTIDAE	800120	URANOSCOPIIDAE	
NORTH ASIA	CLUPEIDAE		ASTROSCOPUS	800934
	ALOSA PSEUDOHARENGUS	800120	TRIGLIDAE	
	CATOSTOMIDAE	800120	PRIONOTUS	800934
	CYPRINIDAE	800120	CLUPEIDAE	
	ICTALURIDAE	800120	BREVOORTIA	800934
	GADIDAE		BATRACHOIDIFORMES	
	LOTA LOTA	800120	OPSANUS	800934
	PERCOPSIDAE		GADIDAE	
	PERCOPSIS OMISCOMAYCUS	800120	GADUS	800934
	ESOCIDAE	800120	LOPHIIDAE	
	UMBRIDAE		LOPHIUS	800934
	UMBRA LIMI	800120	WISCONSIN	
	OSMERIDAE		SERRANIDAE	
	OSMERUS MORDAX	800120	MORONE MISSISSIPPIENSIS	800152
	SALMONIDAE	800120	MORONE CHRYSOPS	800152
MISSISSIPPI R			WYOMING	
PERCIDAE			DIPNOI	
ETHEOSTOMA HISTRIO	800150		URANOLOPHUS WYOMINGENSIS	803072
MISSOURI R			ZACATECAS	
CYPRINIDAE			JALISCO	
CHROSOMUS ERYTHROGASTER	801426		CYPRINIDAE	
MOAPA R			ALGANSEA MONTICOLA	803066
CYPRINIDAE				
MOAPA CORIACEA	800137			
NEVADA				
CYPRINODONTIDAE				
CRINICHTHYS BAILEYI	800137			
EMPETRICHTHYS LATOS	800137			
CYPRINIDAE				
NOTROPIS VENUSTUS	802225			
NEW BRUNSWICK				
SYNGNATHIDAE				
SYNGNATHUS FUSCUS	800308			
ATHERINIDAE				
MENIDIA MENIDIA	800308			
NEW YORK				
CENTRARCHIDAE				
LEPOMIS AURITUS	800510			
PERCIDAE				
ETHEOSTOMA OLMSTEDI	800510			
PERCINA PELTATA	800510			
COTTIDAE				
COTTUS BAIRDII	800510			
COTTUS COGNATUS	800510			
CYPRINODONTIDAE				
FUNDULUS DIAPHANUS	800510			
CATOSTOMIDAE				
CATOSTOMUS COMMERSONI	800510			
HYPENTELIUM NIGRICANS	800510			
CYPRINIDAE	800510			
ICTALURIDAE				
NOTURUS INSIGNIS	800510			
NORTHWEST TERRITORIES				
CEPHALASPIDIFORMES				
HEMICYCLASPIS MURCHISONI	802056			
OAXACA				
CYPRINIDAE				
NOTROPIS IMELDAE	802050			
OKLAHOMA				
DIPNOI				
GNATHORHIZA SERRATA	801792			
OREGON				
AMIO MORPHA				
AMIA	803236			
CATOSTOMIDAE				
AMYZON	803236			
SILURIFORMES	803236			
HIODONTIDAE				
HIODON	803236			
PENNSYLVANIA				
RHIPIDISTIA				
HYNERIA LINDAE	801073			
QUEBEC				
CEPHALASPIDIFORMES	802739			
ACANTHODII	802739			
ARTHRODIRA	802739			
OSTEOLEPIDOMORPHA				
CALLISTIOPTERUS CLAPPI	801953			
EUSTHENOPTERON FOORDI	801953			
SALT R				
CYPRINIDAE				
NOTROPIS LUTRENSIS	800137			
XYRAUCHEN TEXANUS	800137			
TEXAS				
PRISTIDAE				
ISCHYRHIZA MIRA	803036			
SCLERORHYNCHUS ATAVUS	803036			
DIPNOI				
GNATHORHIZA SERRATA	800157			
ASPIDORHYNCHOMORPHA				
BELONOSTOMUS	801263			
PERCIDAE				
ETHEOSTOMA HISTRIO	800150			
UTAH				
OSTEOLEPIDOMORPHA				
LOHSANIA UTAHENSIS	802359			
COTTIDAE				
COTTUS ECHINATUS	802213			
SALMONIDAE				
SALVELINUS FONTINALIS	800068			
VIRGIN R				
CYPRINIDAE				
PLAGOPTERUS ARGENTISIMUS	800137			



<b>SOUTH AMERICA</b>			HYPOSTOMUS SIPALIWINII	802883	SOUTH AMERICA
APLOCHITONIDAE	800149		HYPOSTOMUS SARAMACCENSIS	802883	
ARGENTINA			HYPOSTOMUS CORANTIJNI	802883	SOUTH ASIA
GEMPYLIDAE			HYPOSTOMUS PAUCIMACULATUS	802883	
RUVETTUS PRETIOSUS	801427		HYPOSTOMUS SURINAMENSIS	802883	NORTH ATLANTIC OCEAN
BOLIVIA			HYPOSTOMUS MICROMACULATUS	802883	
CICHLIDAE			HYPOSTOMUS CRASSICAUDA	802883	
APISTOGRAMMA RAMIREZI	800223		HYPOSTOMUS VENTROMACULATUS	802883	
TRICHOMYCTERIDAE			HYPOSTOMUS PSEUDOHEMIURUS	802883	
TRICHOMYCTERUS CHABERTI	803309		HYPOSTOMUS TENUIS	802883	
BRAZIL			VENEZUELA		
CICHLIDAE			CICHLIDAE		
CRENICICHLA JUPIAENSIS	801909		APISTOGRAMMA RAMIREZI	800028	
SYMPHYSDON AEQUIFASCIATA	800101				
SYMPHYSDON DISCUS	800101				
MOGI GUASSU R					
APTERONOTIDAE					
STERNNARCHELLA CURVIOPERCULATA	802591				
ECUADOR			<b>SOUTH ASIA</b>		
DASYATIDAE			BAGRIDAE		
POTAMOTRYGON	802648		BAGRICHTHYS	802896	
PRISTIDAE			BAGROIDES HIRSUTUS	802896	
PRISTIS PEROTTETI	802648		BAGROIDES MELAPTERUS	802896	
TELEOSTEI	802648		HETEROBAGRUS	802896	
L REDONDO			HETEROBAGRUS BOCOURTI	802896	
GOBIIDAE	801041		LEIOCASSIS	802896	
CICHLIDAE	801041		PHILIPPINE I		
SCIAENIDAE			GOBIIDAE		
PLAGIOSCION SQUAMOSISSIMUS	801041		MICROGOBIUS CROCATUS	802058	
SYNBRANCHIDAE			CYPRINIDAE		
SYNBRANCHUS MARMORATUS	801041		PUNTUS UMALII	802135	
TETRAODONTIDAE			PUNTUS JOAQUINAE	802135	
COLOMESUS ASELLUS	801041		SINGAPORE		
ENGRAULIDAE			TELEOSTEI	803365	
ANCHOVIELLA BREVIROSTRIS	801041		THAILAND		
ANOSTOMIDAE			LEIOGNATHIDAE	803038	
LONGIRINUS MACULATUS	801041		TSUSHIMA I		
SCHIZODON FASCIATUS	801041		GOBIIDAE	801518	
CHARACIDAE	801041		MUGILOIDEI		
CURIMATIDAE			MUGIL CEPHALUS	801518	
ANODUS LATICEPS	801041		ORYZIATIDAE		
CURIMATUS	801041		ORYZIAS LATIPES	801518	
POTAMORHINA PRISTIGASTER	801041		ANGUILLIDAE		
HEMIDONTIDAE			ANGUILLA JAPONICA	801518	
POECILOBRYCON TRIFASCIATUS	801041		COBITIDAE		
POECILOBRYCON UNIFASCIATUS	801041		MISGURNUS ANGUILLICAUDATUS	801518	
PROCHILODONTIDAE			CYPRINIDAE		
PROCHILODUS	801041		CARASSIUS CARASSIUS	801518	
GYMNOTIDAE			MOROCCO JOUYI	801518	
EIGENMANNIA VIRESCENS	801041		TRIBOLODON HAKONENSIS	801518	
AGENENIOSIDAE			PLECOGLOSSIDAE		
AGENEIOSUS UCAYALENSIS	801041		PLECOGLOSSUS ALTIVELIS	801518	
CALICHTHYIDAE					
CORYDORAS	801041				
DORADIDAE			<b>NORTH ATLANTIC O</b>		
OXYDORAS NIGER	801041		HOLOCENTRIDAE	800128	
HYPOPHTHALMIDAE			SCOMBRIDAE		
HYPOPHTHALMUS EDENTATUS	801041		EUTHYNNUS PELAMIS	800143	
LORICARIIDAE			THUNNUS ALALUNGA	800143	
PTERYGOPHICHTHYS MULTIRADIATUS	801041		BELONIDAE		
PTERYGOPHICHTHYS PUNCTATUS	801041		STRONGYLURA MARINA	800155	
PIMELODIDAE			STRONGYLURA TIMUCU	800155	
PIMELODELLA CRISTATA	801041		ANGUILLIDAE		
OSTEOGLOSSIDAE			ANGUILLA ANGUILLA	800198	
ARAPAIMA GIGAS	801041		OPISTHOPROCTIDAE		
OSTEOGLOSSUM BICIRRHOSUM	801041		WINTERIA TELESOPA	800409	
PERU			MYCTOPHIDAE		
SYNBRANCHIDAE			DIAPHUS	802060	
SYNBRANCHUS MARMORATUS	800219		DIAPHUS MINAX	802060	
CALICHTHYIDAE			DIAPHUS SUBTILIS	802060	
DIANEMA LONGIBARBIS	800219		LOBIANCHIA	802060	
R PRETO DA EVA			PARALEPIDIDAE		
DASYATIDAE			UNCISUDIS LONGIROSTRA	800742	
POTAMOTRYGON MOTORO	801041		ADRIATIC SEA		
GOBIIDAE	801041		BLENNIIDAE	800999	
CICHLIDAE	801041		AFRICA		
SCIAENIDAE	801041		TRIGLIDAE		
SOLEIDAE			LEPIDOTRIGLA CAROLAE	801664	
ACHIRUS MENTALIS	801041		MURAENOSODIDAE		
SYNBRANCHIDAE			CYNOPONTICUS FEROX	800402	
SYNBRANCHUS MARMORATUS	801041		HOPLUNNIS SCHMIDTI	800402	
BELONIDAE			PARAXENOMYSTAX BIDENTATUS	800402	
POTAMORRHAPHIS GUIANENSIS	801041		AZORES I		
STRONGYLURA MICRIPS	801041		LAMPRIDIFORMES		
ANOSTOMIDAE	801041		RADIICEPHALUS ELONGATUS	800331	
CHARACIDAE	801041		BAHAMAS I		
CURIMATIDAE	801041		GOBIIDAE		
ERYTHRINIDAE			GOBIOSOMA GENIE	801920	
HOPLIAS MALABARICUS	801041		GOBIOSOMA ATRONASUM	801920	
HEMIDONTIDAE			GOBIOSOMA LOUISAE	801920	
POECILOBRYCON UNIFASCIATUS	801041		ANGUILLIDAE		
RHAMPHICHTHYIDAE			ANGUILLA ROSTRATA	800580	
GYMNORHAMPHICHTHYS HYPOSTOMUS	801041		XENOCONGRIDAE		
HYPOPOMUS ARTEDI	801041		CATESBYA PSEUDOMURAENA	801919	
AUCHENIPTERIDAE			BERMUDA		
CENTROMOCHLUS INTERMEDIUS	801041		APOGONIDAE		
TRACHYCORYSTES GALEATUS	801041		APOGON ROBINSI	801921	
LORICARIIDAE	801041		BRAZIL		
PIMELODIDAE	801041		BATRACHOIDIFORMES		
OSTEOGLOSSUM BICIRRHOSUM	801041		PORICHTHYS OCULOURENUM	801188	
RIO NEGRO			PORICHTHYS KYMOSEMEUM	801188	
CHARACIDAE			BRITISH HONDURAS		
BRYCONOPS INPAI	803311		TELEOSTEI	800940	
SURINAM			CLINIDAE		
LORICARIIDAE			ACANTHEMBLEMARIA ASPERA	800940	
HYPOSTOMUS	802883		EMBLEMARIA DIAPHANA	800940	

NORTH ATLANTIC OCEAN (CONTINUED)	ENNEANECTES PECTORALIS	800940	SQUALOMORPHA	800112
	ENNEANECTES ATRORUS	800940	NEWFOUNDLAND	
ARCTIC OCEAN	ENNEANECTES ALTIVELIS	800940	MORIDAE	
	LABRISOMUS HAITIENSIS	800940	HALARGYREUS JOHNSONII	802312
	MALACOCTENUS VERSICOLOR	800940	ICELAND	
	MALACOCTENUS BOEHLKEI	800940	SCORPAENIDAE	
	MALACOCTENUS ERDMANI	800940	SEBASTES FASCIATUS	802039
	STARKSIA NANODES	800940	NICARAGUA	
	STARKSIA LEPICOELIA	800940	TELEOSTEI	800940
	STARKSIA ATLANTICA	800940	BLENNIIDAE	
	GOBIIDAE		HYPLEUROCHILUS SPRINGERI	800940
	QUISQUILIUS HIPOLITI	800940	CLINIDAE	
	LABRIDAE		EMBLEMARIA BAHAMENSIS	800940
	HALICHOERES POEYI	800940	ENNEANECTES PECTORALIS	800940
	HALICHOERES GARNOTI	800940	ENNEANECTES ALTIVELIS	800940
	OPISTOGNATHIDAE		LABRISOMUS NIGRICINCTUS	800940
	OPISTOGNATHUS WHITEHURSTI	800940	MALACOCTENUS BOEHLKEI	800940
	BRITISH I		MALACOCTENUS ERDMANI	800940
	CHIMAEROMORPHA		STARKSIA YLINEATA	800940
	HYDROLAGUS AFFINIS	801084	STARKSIA NANODES	800940
	RAJIDAE		STARKSIA LEPICOELIA	800940
	BREVIRAJA PALLIDA	801084	STARKSIA ATLANTICA	800940
	RAJA RICHARDSONI	801084	GOBIIDAE	
	SQUALIDAE	801084	QUISQUILIUS HIPOLITI	800940
	SYNAPHOBANCHIDAE		LABRIDAE	
	SYNAPHOBANCHUS KAUPI	801084	HALICHOERES MACULIPINNA	800940
	MACROURIDAE		HALICHOERES GARNOTI	800940
	NEMATONURUS ARMATUS	801084	OPISTOGNATHIDAE	
	MORIDAE		OPISTOGNATHUS MAXILLOSUS	800940
	ANTIMORA ROSTRATA	801084	SCORPAENIDAE	
	MORA MORA	801084	SCORPAENA ALBIFIMBRIA	800940
	OPHIDIIDAE		NORTH SEA	
	PARABASSOGIGAS CRASSUS	801084	GADIDAE	
	CANARY I		GADUS ESMARKII	801434
	LAMPRIDIFORMES		GONOSTOMATIDAE	
	RADIICEPHALUS ELONGATUS	800331	MAUROLICUS MUELLERI	802946
	CARIBBEAN SEA		PANAMA	
	GOBIIDAE		MICRODESMIDAE	
	GOBIONELLUS SAEPEPALLENIS	803088	CERDALE FLORIDANA	800283
	APOGONIDAE		PORTUGAL	
	APOGON PILLIONATUS	801921	MELANOSTOMIATIDAE	
	SCIAENIDAE		PACHYSTOMIAS MICRODON	801063
	CYNOSCION SIMILIS	801391	SARDINIA	
	BATRACHOIDIFORMES		BLENNIIDAE	800852
	PORICHTHYS BATHOIKETES	801188	SENEGAL	
	CENTRAL AMERICA		CARANGIDAE	
	GOBIIDAE		CHLOROSCOMBRUS CHRYSURUS	800172
	GOBIOSOMA ILLECEBROSUM	801920	SCYRIS ALEXANDRINA	800172
	COLOMBIA		SPAIN	
	CARANGIDAE		BLENNIIDAE	
	DECAPTERUS TABL	801766	BLENNIUS CANEVAE	801568
	DOMINICA		TYRRHENIAN SEA	
	GOBIESOCIFORMES		LOBOTIDAE	
	TOMICODON RHABDOTUS	803068	LOBOTES SURINAMENSIS	802863
	EUROPE		VENEZUELA	
	GOBIIDAE		BATRACHOIDIFORMES	
	GOBIUS MINUTUS	801059	PORICHTHYS OCULOFRENUM	801188
	FERNANDO POO		WEST INDIES	
	CYPRINODONTIDAE		GOBIIDAE	
	APHYOSEMION SANTAISABELLAE	801991	BARBULIFER ANTENNATUS	801920
	FLORIDA		GOBIOSOMA RANDALLI	801920
	APOGONIDAE		GOBIOSOMA PROCHILUS	801920
	APOGON PHENAX	801921	GOBIOSOMA TENOX	801920
	APOGON XENUS	801921	GOBIOSOMA EVELYNAE	801920
	APOGON PILLIONATUS	801921	JOGLLOSSUS HELENAE	803014
	POMACENTRIDAE		APOGONIDAE	
	CHROMIS SCOTTI	800142	APOGON ROBINSI	801921
	CONGRIDAE		APOGON XENUS	801921
	NETTODARUS BREVIROSTRIS	800583	APOGON PHENAX	801921
	SYNAPHOBANCHIDAE	801352	APOGON PILLIONATUS	801921
	FLORIDA STRAITS		APOGON ANISOLEPIS	801921
	ANGUILLIDAE		OPHICHTHIDAE	
	ANGUILLA ROSTRATA	800580	VERMA ANSP	803139
	GULF OF GUINEA		YORKSHIRE	
	ELASMOBRANCHII	802408	CARCHARINIDAE	
	TELEOSTEI	802408	MUSTELUS MUSTELUS	800703
	GULF OF MEXICO		GADIDAE	
	REGALECIDAE		GADUS ESMARKII	800703
	REGALECUS GLENE	802124	YUCATAN	
	LUTJANIDAE		TELEOSTEI	800940
	LUTJANUS CYANOPTERUS	803064	CLINIDAE	
	CYCLOPTERIDAE		ACANTHEMBLEMARIA CHAPLINI	800940
	PARALIPARIS CALIDUS	802120	ENNEANECTES PECTORALIS	800940
	ICELAND		ENNEANECTES ALTIVELIS	800940
	BRAMIDAE		LABRISOMUS HAITIENSIS	800940
	PTERYCOMBUS BRAMA	801653	MALACOCTENUS ERDMANI	800940
	SPARIDAE		STARKSIA LEPICOELIA	800940
	PAGELLUS CENTRODONTUS	801653	STARKSIA ATLANTICA	800940
	HIMANTOLOPHIDAE		GOBIIDAE	
	HIMANTOLOPHUS GROENLANDICUS	801653	LYTHRYPNUS ELASSON	800940
	IRELAND		QUISQUILIUS HIPOLITI	800940
	SALMONIDAE		LABRIDAE	
	SALMO SALAR	800248	HALICHOERES MACULIPINNA	800940
	MEDITERRANEAN SEA		HALICHOERES GARNOTI	800940
	BLENNIIDAE		OPISTOGNATHIDAE	
	BLENNIUS INCOGNITUS	803062	OPISTOGNATHUS MAXILLOSUS	800940
	OPHIDIIDAE			
	BELLOTTIA APODA	801758		
	MORECAMBE BAY			
	ELASMOBRANCHII	800476		
	ACIPENSEROMORPHA			
	ACIPENSER STURIO	800476		
	TELEOSTEI	800476		
	MOROCCO			
	LAMPRIDIFORMES			
	RADIICEPHALUS ELONGATUS	800331		
	NEW YORK			
			ARCTIC O	
			BARENTS SEA	
			GADIDAE	801115
			MERLUCCIIDAE	
			MERLANGUS MERLANGUS	801115
			MYCTOPHIDAE	
			MYCTOPHUM GLACIALE	801115

NOTOSCOPELUS ELONGATUS	801115	IDIACANTHUS NIGER	801655	ARCTIC OCEAN (CONTINUED)
PARALEPIDIDAE		GULF OF GUINEA		
PARALEPIS RISSOI	801115	ELASMOBRANCHII	802408	
SPIITSBERGEN		TELEOSTEI	802408	SOUTH ATLANTIC OCEAN
CHONDROSTEI				
ORVIKUINA	800745			NORTH PACIFIC OCEAN
<b>SOUTH ATLANTIC O</b>		<b>NORTH PACIFIC O</b>		
HOLOCENTRIDAE	800128	TELEOSTEI	802044	
SCOMBRIDAE		HOLOCENTRIDAE	800128	
EUTHYNNUS PELAMIS	800143	LUVARIDAE		
THUNNUS ALALUNGA	800143	LUVARUS IMPERIALIS	800151	
BELONIDAE		SCOMBRIDAE		
STRONGYLURA MARINA	800155	THUNNUS ALALUNGA	800143	
STRONGYLURA TIMUCU	800155	OPISTHOPROCTIDAE		
OPISTHOPROCTIDAE		OPISTHOPROCTUS GRIMALDII	803323	
WINTERIA TELESCOPA	800409	WINTERIA TELESCOPA	802492	
AFRICA		MELANOSTOMIATIDAE		
TRIGLIDAE		BATHOPHILUS FLEMINGI	800158	
LEPIDOTRIGLA CAROLAE	801664	STOMIATIDAE		
MURAENESOCIDAE		BATHOPHILUS CUYANORUM	802215	
CYNOPONTICUS FEROX	800402	BATHOPHILUS KINGI	802215	
PARAXENOMYSTAX BIDENTATUS	800402	ALASKA		
BARBOURISIIDAE		STICHAEIDAE	801475	
BARBOURISIA RUFA	803060	COTTIDAE	801475	
MYCTOPHIDAE		CYCLOPTERIDAE		
DIAPHUS OSTENFELDI	803060	LIPARISCUS NANUS	801475	
ASTRONESTHIDAE		HEXAGRAMMIDAE		
ASTRONESTHES INDICUS	803060	HEXAGRAMMOS OCTOGRAMMUS	801475	
MELANOSTOMIATIDAE		AMAMI OSHIMA I		
MELANOSTOMIAS TENTACULUS	803060	HOLOCENTRIDAE		
ANGOLA		HOLOCENTRUS CORNUTUS	800877	
KYPHOSIDAE		BLENNIIDAE		
KYPHOSUS INCISOR	801496	ISTIBLENNIUS KIKAIENSIS	800877	
ANNOBON I		MUGILOIDEI		
HOLOCENTRIDAE		LIZA PARVA	800877	
HOLOCENTRUS ASCENSIONIS	800173	APOGONIDAE		
BLENNIIDAE		APOGON ISOSTIGMA	800877	
BLENNIUS LANGI	800173	APOGON EXOSTIGMA	800877	
BLENNIUS CRISTATUS	800173	CARANGIDAE		
ENTOMACRODUS TEXTILIS	800173	CARANX ISHIKAWAI	800877	
OPHIUBLENNIUS ATLANTICUS	800173	CARANX MALABARICUS	800877	
CLINIDAE		LETHRINIDAE		
LABRISOMUS NUCHIPINNIS	800173	LETHRINUS AMAMIANUS	800877	
GOBIIDAE		LUTJANIDAE		
BATANGA ANGUSTIFRONS	800173	CAESIO ERYTHROGASTER	800877	
BATHYGOBIUS SOPORATOR	800173	POMACENTRIDAE		
ELEOTRIS ANNOBONENSIS	800173	CHROMIS XANTHURUS	800877	
GOBIUS CASAMANCUS	800173	SERRANIDAE		
GOBIUS NIGRICINCTUS	800173	EPINEPHELUS SUMMANA	800877	
GOBIUS LATERISTRIGA	800173	PLECTRANTHIAS ANTHIOIDES	800877	
NEMATOGOBUS BRACHYNEMUS	800173	BAJA CALIFORNIA		
SICYDIUM BREVIFILE	800173	SCOMBRIDAE		
LABRIDAE		EUTHYNNUS PELAMIS	800143	
THALASSOMA ASCENSIONIS	800173	CALIFORNIA		
CARANGIDAE		ANOPILOGASTERIDAE		
CAESIOMORUS GLAUCUS	800173	ANOPILOGASTER CORNUTA	801858	
CARANX LUGUBRIS	800173	MELAMPHAEIDAE	801858	
POMACENTRIDAE		MACRORHAMPHOSIDAE		
ABUDEFDUF MARGINATUS	800173	MACRORHAMPHOSUS GRACILIS	801858	
ABUDEFDUF ANOLOGUS	800173	LAMPRIDAE		
MICROSPATHODON CHRYSURUS	800173	LAMPRIUS REGIUS	801858	
POMACENTRUS LEUCOSTICTUS	800173	LOPHOTIDAE		
POMADASYIDAE		LOPHOTES CRISTATUS	801858	
POMADASY INCISUS	800173	REGALECIDAE		
SERRANIDAE		REGALECUS GLENE	801858	
EPINEPHELUS ASCENSIONIS	800173	TRACHTERIDAE	801858	
PRIACANTHUS CRUENTATUS	800173	ICOSTEOIDEI		
RYPTICUS SAPONACEUS	800173	ICOSTEUS AENIGMATICUS	801858	
RYPTICUS ARENATUS	800173	APOGONIDAE		
BOTHIDAE		HOWELLA BRODIEI	801858	
BOTHUS GUIBEI	800173	BRAMIDAE		
SOLEIDAE		BRAMA JAPONICA	801858	
MONOCHIRUS HISPIDUS	800173	PTERACLIS VELIFERA	801858	
BALISTIDAE		TARACTES LONGIPINNIS	801858	
BALISTES FORCIPATUS	800173	CARISTIIDAE		
BELONIDAE		CARISTIUS MACROPUS	801858	
BELONE PLATYURA	800173	PENTACEROTIDAE		
MURAENIDAE		PENTACEROS RICHARDSONI	801858	
UROPTERYGIUS	800173	GEMPYLIDAE		
GOBIESOCIFORMES		GEMPYLUS SERPENS	801858	
APLETODON PELLEGRINI	800173	LEPIDOCYBIUM FLAVOBRUNNEUM	801858	
ARGENTINA		RUVELTUS PRETIOSUS	801858	
RAJIDAE	800195	LUVARIDAE		
RAJA FRERICHSI	800195	LUVARUS IMPERIALIS	801858	
RAJA SCHROEDERI	800195	TRICHIURIDAE		
SQUALIDAE	800195	ASSURGER ANZAC	801858	
ETMOPTERUS GRACILISPINIS	800195	LEPIDOPUS XANTUSI	801858	
ETMOPTERUS PUSILLUS	801655	TRICHIURUS NITENS	801858	
POLYMIKIIDAE		CENTROLOPHIDAE		
POLYMIKIA LOWEI	801655	ICHTHYS LOCKINGTONI	801858	
APOGONIDAE		NOMEIDAE		
SYNAGROPS BELLA	801655	CUBICEPS GRACILIS	801858	
BOTHIDAE		PSENE PELLUCIDENS	801858	
MANCOPSETTA MILFORDI	801655	TETRAGONURIDAE		
COTTUNCULIDAE		TETRAGONURUS CUVIERI	801858	
COTTUNCULUS GRANULOSUS	801655	CHIASMODONTIDAE	801858	
GRAMMICOLEPIDIDAE		URANOSCOPIDAE		
XENOLEPIDICHTHYS DALGLEISHI	801655	KATHETOSTOMA AVERRUNCUS	801858	
OREOSOMATIDAE	801655	AGONIDAE		
PSEUDOCYTTUS MACULATUS	801655	XENERETMUS LATIFRONS	801858	
CHLOROPHTHALMIDAE		CYCLOPTERIDAE		
CHLOROPHTHALMUS FRASERBRUNNERI	801655	CAREPROCTUS MELANURUS	801858	
IDIACANTHIDAE		ZANIOLEPIDIDAE		
		ZANIOLEPIS LATIPINNIS	801858	
		ZANIOLEPIS FRENATA	801858	

NORTH PACIFIC OCEAN (CONTINUED)	SCORPAENIDAE		SCARIDAE		
	SCORPAENODES XYRIS	800106	NICHOLSINA USTA		803150
	OREOSOMATIDAE		HAWAII		
	ALLOCYTTUS FOLLETTI	801858	ELASMOBRANCHII		800264
SOUTH PACIFIC OCEAN	ALLOCYTTUS VERRUCOSUS	801858	TELEOSTEI		800264
	ZEIDAE		ACANTHURIDAE		
	ZENOPSIS NEBULOSA	801858	ZANCLUS CANESCENS		800336
	CONGRIDAE		GOBIIDAE		
	GNATHOPHIS CATALINENSIS	801858	COTTOGOBIUS YONGEI		801789
	XENOMYSTAX ATRARIUS	801858	CHAETODONTIDAE		
	CYEMIDAE		CHAETODON TINKERI		800598
	CYEMA ATRUM	801858	SCOMBRIDAE		
	DERICHTHYIDAE		EUTHYNNUS PELAMIS		800143
	DERICHTHYS SERPENTINUS	801858	THUNNUS OBEUS		800143
	NEMICHTHYIDAE		THUNNUS ALBACARES		800143
	AVOCETTINA GILLI	801858	TRIACANTHODIDAE		
	AVOCETTA INFANS	801858	HOLLARDIA GOSLINEI		801918
	NEMICHTHYS SCOLOPACEUS	801858	JAPAN		
	NETTASTOMATIDAE		SCOMBRIDAE		
	FACCIOLELLA GILBERTI	801858	EUTHYNNUS PELAMIS		800143
	VENEFICA TENTACULATA	801858	MARQUESAS I		
	VENEFICA PROCERA	801858	CLUPEIDAE		
	OPHICHTHIDAE		SARDINELLA MARQUESENSIS		803205
	MYRICHTHYS TIGRINUS	801858	MEXICO		
	OPHICHTHUS ZOPHOCHIR	801858	MURAENESOCIDAE		
	OPHICHTHUS TRISERIALIS	801858	HOPLUNNIS PACIFICA		801763
	SERRIVOMERIDAE		GOBIESOCIFORMES		
	SERRIVOMER SECTOR	801858	GOBIESOX MAEANDRICUS		800996
	EURYPHARYNGIDAE		PANAMA		
	EURYPHARYNX PELECANOIDES	801858	MICRODESMIDAE		
	SACCOGRAPHYNGIDAE		MICRODESMUS DORSIPUNCTATUS		802197
	SACCOGRAPHYNX	801858	PALAU I		
	GADIFORMES		SCOMBRIDAE		
	MELANONUS ZUGMAYERI	801858	EUTHYNNUS FELAMIS		800143
	MACROURIDAE	801858	PANAMA		
	MORIDAE		GOBIIDAE		
	ANTIMORA ROSTRATA	801858	LOPHOGOBIOUS CYPRINOIDES		803054
	PHYSICULUS RASTRELLIGER	801858	MICRODESMIDAE		
	OPHIDIIDAE	801858	MICRODESMUS AFFINIS		800283
	OLIGOPUS DIAGRAMMUS	800106	MICRODESMUS HILDEBRANDI		800283
	ZOARCIDAE		BATRACHOIDIFORMES		
	BOTHROCARA BRUNNEUM	801858	DAECTOR SCHMITTI		803067
	GOBIESOCIFORMES		BATHYLAconoIDEI		
	GOBIESOX EUGRAMMUS	800996	BATHYLACO MACROPHthalmus		801577
	CAULOGRAPHYNGIDAE		TAIWAN		
	CAULOGRAPHYNE JORDANI	801858	LABRIDAE		800952
	CERATIDAE		CHEILINUS DIAGRAMMUS		800952
	CRYPTOSARUS COUESII	801858	CHOERODON PESCADOIRESIS		800952
	GIGANTACTINIDAE		CHOERODON QUADRIFASCIATUS		800952
	GIGANTACTIS MACRONEMA	801858	HEMIPTERONOTUS CAERULEOPUNCTATUS		800952
	LINOPHRYNIDAE		HEMIPTERONOTUS MELANOPUS		800952
	LINOPHRYNE CORONATA	801858	VANCOUVER		
	LOPHIIDAE		NOTACANTHIDAE		
	CHIROLOPHIUS SPILURUS	801858	MACDONALDIA CHALLENGERI		802292
	LOPHIOMUS CAULINARIS	801858			
	MELANOCETIDAE				
	MELANOCETUS JOHNSONII	801858			
	OGCOCEPHALIDAE				
	ZALIEUTES ELATER	801858			
	ONEIRODIDAE	801858			
	CETOMIMIDAE				
	CETOMIMUS	801858			
	CETOSTOMUS	801858			
	DITROPICHTHYS	801858			
	GIGANTURIDAE				
	BATHYLEPTUS LISAE	801858			
	RONDELETIDAE				
	RONDELETIA LORICATA	801858			
	ALEPOCEPHALOIDEI	801858			
	ARGENTINIDAE	801858			
	BATHYLAGIDAE	801858			
	OPISTHOPTERIDAE	801858			
	BATHYLAconoIDEI				
	BATHYLACO NIGRICANS	801858			
	ALEPISAURIDAE				
	ALEPISAURUS FEROX	801858			
	ANOTOPTERIDAE				
	ANOTOPTERUS PHARAO	801858			
	MYCTOPHIDAE	801858			
	NEOSCOPELIDAE				
	SCOPELENGYS TRISTIS	801858			
	PARALEPIDIDAE	801858			
	SCOPELARCHIDAE	801858			
	SCOPELOSAURIDAE				
	SCOPELOSAURUS HARRYI	801858			
	ASTRONESTHIDAE				
	BOROSTOMIAS PANAMENSIS	801858			
	NEONESTHES CAPENSIS	801858			
	CHAULIODONTIDAE				
	CHAULIODUS MACOUNI	801858			
	GONOSTOMATIDAE	801858			
	IDIACANTHIDAE				
	IDIACANTHUS ANTROSTOMUS	801858			
	MACOSTEIDAE				
	ARISTOSTOMIAS SCINTILLANS	801858			
	STERNOPTYCHIDAE	801858			
	STOMIATIDAE	801858			
	COSTA RICA				
	BATRACHOIDIFORMES				
	DAECTOR SCHMITTI	803067			
	GALAPAGOS I				
	TETRAODONTIDAE				
	CANTHIGASTER AMBOINENSIS	802220			
	GUAM I				
	ELASMOBRANCHII	802374			
	TELEOSTEI	802374			
	GULF OF CALIFORNIA				

SERRANIDAE		NOVODON CONVEXIROSTRIS	800332	SOUTH PACIFIC OCEAN
POLYPRIONUM OXYGENEOIS	800394	DIODONTIDAE		(CONTINUED)
ISTIOPHORIDAE		ALLOMYCTERUS JACULIFERUS	800332	
TETRAPTERUS BREVIROSTRIS	800394	TETRAODONTIDAE		
SCORPAENIDAE		LIOSACCUS AEROBATICUS	801508	INDIAN OCEAN
MAXILLICOSTA SCABRICEPS	800394	ZEIDAE	800332	
PTEROPTERUS ANTENNATUS	800394	POECILIIDAE		
SYNANCEJIDAE		POECILIA	801372	
EROSA FRATRUM	800394	CLUPEIDAE		
BALISTIDAE		SARDINOPS NEOPILOCHARDUS	800332	
BALISTOIDES VIRIDESCENS	800394	ENGRAULIDAE		
OSTRACIANTIDAE		ENGRAULIS AUSTRALIS	800332	
ACARANA AURITA	800394	CONGRIDAE		
OSTRACION MELEAGRIS	800394	CONGER VERREAUXI	800332	
PARACANTHOSTRACION PENTACANTHUS	800394	GNATHOPHIS HABENATA	800332	
TETRAODONTIDAE		GADIDAE		
CANTHIGASTER CALLISTERNUS	800394	PHYSICULUS BACCHUS	800332	
GASTROPHYSUS PERLEVIS	800394	MACROURIDAE		
EXOCOETIDAE		COELORHYNCHUS AUSTRALIS	800332	
ARDEAPISCIS WELSBYI	800394	MORIDAE		
ENGRAULIDAE		LEPIDION MICROCEPHALUS	801508	
THRASSINA NASUTA	800394	OPHIIDAE		
MURAENIDAE		GENYPTERUS BLACODES	800332	
LYCODONTIS WOOLIIENSIS	800394	GONORYNCHIDAE		
ANTENNARIIDAE		GONORYNCHUS GONORYNCHUS	800332	
HISTRIO HISTRIO	800394	ARGENTINIDAE		
NEW ZEALAND		ARGENTINA ELONGATA	800332	
MYXINOMORPHA		APLOCHITONIDAE	800149	
HEPTATRETUS CIRRHOSUS	800332	GALAXIIDAE	800149	
DASYATIDAE	800332		800976	
RAJIDAE		NEOCHANNA APODA	800333	
RAJA	800332	RETROPINNIDAE	800149	
TORPEDINIDAE		RETROPINNA	802106	
TORPEDO FAIRCHILDII	800332	MYCTOPHIDAE		
CARCHARINIDAE		LAMPADENA NOTIALIS	803087	
GALEORHINUS AUSTRALIS	800332	MYCTOPHUM PHENGODES	801508	
MUSTELUS ANTARCTICUS	800332	PARALEPIDIDAE		
SCYLIORHINIDAE		CHLOROPHTHALMUS NIGRIPINNIS	800332	
CEPHALOSCYLLIUM ISABELLA	800332	PERU		
SPHYRNA	800332	SCARIDAE		
HEXANCHIFORMES		NICHOLSINA USTA	803150	
NOTORYNCHUS	800332			
SQUALIDAE				
SQUALUS BLAINVILLII	800332			
BERYCIDAE				
TRACHICHTHODES AFFINIS	800332	INDIAN O		
TRACHICHTHYIDAE		HOLOCENTRIDAE	800128	
PARATRACHICHTHYS	800332	BRAMIDAE		
MACRORHAMPHOSIDAE		STEINEGERIA RUBESCENS	800451	
CENTRISCOPS LILLIEI	800332	ENGRAULIDAE	801927	
MACRORHAMPHOSUS SCOLOPAX	800332	COILIA RAMCARATI	801927	
SYNGNATHIDAE		MORINGUIDAE		
ICHTHYOCAMPUS FILUM	800332	MORINGUA	803307	
CALLIONYMOIDEI		ARIIDAE	802036	
YERUTIUS PHASIS	801508	OPISTHOPROCTIDAE		
LABRIDAE		OPISTHOPROCTUS SOLEATUS	803323	
PSEUDOLABRUS	800332	WINTERIA TELESCOPA	800409	
MUGILOIDEI		MYCTOPHIDAE		
ALDRICHETTA FORSTERI	800332	LAMPADENA NOTIALIS	803087	
POGONIDAE		MELANOSTOMIATIDAE		
SCEPTERIAS LENIMEN	801508	BATHOPHILUS INDICUS	800158	
ARRIPIDIDAE		STOMIATIDAE		
ARIPIS TRUTTA	800332	BATHOPHILUS CUYANORUM	802215	
CARANGIDAE		BATHOPHILUS NOVICKI	802215	
CARANX LUTESCENS	800332	ARABIAN SEA		
SERIOLA GRANDIS	800332	SOLEIDAE		
TRACHURUS NOVAEZELANDIAE	800332	ZEBRIAS ALTIPINNIS	800458	
CEPOLIDAE		MINICOY I		
CEPOLA AOTEA	800332	LABRIDAE		
CHEILODACTYLIDAE		LABROIDES DIMIDIATUS	801330	
CHEILODACTYLUS DOUGLASII	800332	GULF OF ADEN		
CHEILODACTYLUS MACROPTERUS	800332	CONGRIDAE		
LATRIDAE		PSEUDOPHICHTHYS MACROPORIS	800710	
LATRIDOPSIS CILIARIS	800332	MURAENIDAE		
MULLIDAE		GYMNOTHORAX SOKOTRENSIS	800710	
UPENEICHTHYS POROSUS	800332	GYMNOTHORAX RETICULARIS	800710	
PENTACEROTIDAE		NETTASTOMATIDAE		
PARISTIOPTERUS LABIOSUS	800332	NETTASTOMA ELONGATUM	800710	
XANCLISTIUS ELEVATUS	800332	OPHICHTHIDAE		
POMACENTRIDAE		MYROPHIS LEPTURUS	800710	
PARMA MICROLEPIS	801508	GULF OF AQABA		
SERRANIDAE	800332	PSEUDOCROMIDAE		
ANTHIAS PULCHELLUS	801508	PSEUDOCROMIS FRIDMANI	802589	
SPARIDAE		INDIA		
CHRYSOPHRYS AURATUS	800332	Gobiidae		
GEMPYLIDAE		KOUMANSIASIS MACROCEPHALUS	800170	
JORDANIDIA SOLANDRI	800332	CARANGIDAE		
LEIONURA ATUN	800332	CARANX LUGUBRIS	800439	
SCOMBRIDAE		DECAPTERUS DAYI	800450	
SCOMBER JAPONICUS	800332	DECAPTURUS RUSSELLI	800450	
TRICHIURIDAE		CHAETODONTIDAE		
LEPIDOPUS CAUDATUS	800332	CHAETODON JAYAKARI	800444	
CENTROLOPHIDAE		ECHENEIDAE		
SERIOLELLA BRAMA	800332	PHTHEIRICHTHYS LINEATUS	800439	
MUGILOIDIDAE		REMORA OSTEOCHIR	800439	
PARAPERCIS COLIAS	800332	PEMPHERIDAE		
URANOSCOPIIDAE		PARAPRICANTHUS GUENTHERI	800439	
GENYAGNUS MONOPTERYGIUS	800332	PSEUDOCROMIDAE		
KATHETOSTOMA GIGANTEUM	800332	PSEUDOCROMIS TAPEINOSOMA	800439	
BOTHIDAE		PSEUDOGAMMIDAE		
ARNOGLOSSUS SCAPHA	800332	PSEUDOGAMMA POLYACANTHUS	800439	
PLEURONECTIDAE	800332	SCIAENIDAE		
SCORPAENIDAE		JOHNIUS NOVAEHOLLANDIAE	800456	
HELICLENUS PERCOIDES	800332	SERRANIDAE		
TRIGLIDAE	800332	ANTHIAS SQUAMIPINNIS	800439	
BALISTIDAE		ANTHIAS CICHLOPS	800439	
		POLYNEMOIDEI		

INDIAN OCEAN (CONTINUED)	POLYNEMUS MICROSTOMA	800454	BATHYMYRUS SMITHI	803308
	SCOMBRIDAE		NATAL	
	SARDA ORIENTALIS	800453	CARANGIDAE	
	SPHYRAENOIDEI		CARANX WILLIAMSII	803306
ANTARCTIC OCEAN	SPHYRAENA NOVAEHOLLANDIAE	800439	MACROURIDAE	
	SOLEIDAE		MACRURORPLUS ORI	803358
	BRACHIRUS PANOIDES	800457	RED SEA	
	LIACHIRUS MELANOSPILUS	800439	GOBIIDAE	803369
	PARDACHIRUS MARMORATUS	800457	BIAT MAGNUSI	800404
	BALISTIDAE		CYCLOPTERIDAE	
	PARALUTERUS PRIONURUS	800439	LIPARIS FISHELSONI	800171
	PARAMONACANTHUS OBLONGUS	800439	CONGRIDAE	
	TETRAODONTIDAE		DIPLOCONGER POLYSTIGMATUS	800710
	CANTHIGASTER AMBOINENSIS	800439	SEYCHELLES I	
	TRIACANTHIDAE		MICRODESMIDAE	
	ATROPHACANTHUS DANAE	800444	GUNNELICHTHYS CURIOSUS	802920
	ATHERINIDAE		GUNNELICHTHYS VIRIDESCENS	802920
	ALLANETTA BARNESI	800439	SOMALIA	
	ATHERION AFRICANUS	800439	CARCHARINIDAE	
	CHIROCENTRIDAE		TRIAKIS FEHLMANNI	803065
	CHIROCENTRUS NUDUS	800442	SOMALILAND	
	CONGRIDAE		CONGRIDAE	
	RHYNCHOCONGER ECTENURUS	800710	ARIOSOMA SOMALIENSE	800710
	OPHICHTHIDAE		DIPLOCONGER POLYSTIGMATUS	800710
	NEENCHELYS BUITENDIJKI	800710	ZANZIBAR	
	CARAPIDAE		CARANGIDAE	
	JORDANICUS GRACILIS	800439	CARANX CELETUS	803306
	OPHIDIIDAE			
	DINEMATICTHYS ILUOCOETEIOIDES	800439		
	ANTENNARIIDAE		ANTARCTIC O	
	ANTENNARIUS COCCINEUS	800439	ANTARCTICA	
	MYCTOPHIDAE		ACANTHODII	
	MYCTOPHUM AUROLATERNATUM	800439	ANTARCTONCHUS GLACIALIS	800702
	MYCTOPHUM EVERMANNI	800439	BYSSACANTHOIDES DEBENHAMI	800702
	IDIACANTHIDAE		COSMACANTHUS	800702
	IDIACANTHUS FASCIOLA	800449	GYRACANTHIDES WARRENI	800702
KENYA			ANTIARCHI	
	CONGRIDAE		BOTHRIOLEPIS ANTARCTICA	800702
	LEMKEA HETEROLINEA	800710	ARCTOLEPIDOMORPHA	
	XENOCONGRIDAE		ANTARCTASPIS MCMURDOENSIS	800702
	ROBINIA CATHARINAE	800710	ANTARCTOLEPIS GUNNI	800702
LACCADIVE I			ELASMOBRANCHII	
	SYNGNATHIDAE		MCMURDODONTIDAE	800702
	ICHTHYOCAMPUS BELCHERI	801926	MCMURDODUS FEATHERENSIS	800702
	GOBIIDAE		CLADOSELACHOMORPHA	
	ACENTROGOBIUS AESTUARIUS	801926	CLADOSELACHE	800702
	QUISQUILIUS INHACA	801926	OSTEOLEPIDOMORPHA	
	APOGONIDAE		GYROPTYCHIUS	800702
	CHEILODIPTERUS LACHNERI	801926	SOUTH GEORGIA I	
MOZAMBIQUE			ZOARCIDAE	
	LABRIDAE		LYCENCHELYS BELLINGSHAUSENI	803155
	LEPIDAPLOIS GRANDISQUAMIS	802116	SOUTH SHETLAND I	
	OWSTONIIDAE		ZOARCIDAE	
	SPHENANTHIAS SIMOTERUS	803368	LYCENCHELYS ARATRIROSTRIS	803155
	CONGRIDAE			







ABBOTT, FRANK S	800609	AMSTISLAVSKII, A Z	800799	ABBOTT
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	801257	ANCTIL, M	800945	ATKULIEV
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ABDULLAYEV, M A	802447	ANDERSEN, ROLF A	802263	
ABDURAKHMANOV, J I	803170	ANDERSON, EVERETT	800744	
ABE, KOJI	802958	ANDERSON, HAMILTON H	800835	
ABOUSSOUAN, A	800172	ANDERSON, JOHN M	802605	
	800911	ANDERSON, MARGARET L	802560	
	802715	ANDERSON, RICHARD O	802849	
ABRAHAM, A	802017	ANDERSON, WILLIAM W	801053	
ABRAMOFF, PETER	801688	ANDO, KAZUO	801451	
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ABRAMOVA, N B	802042	ANDREWS, A P	802913	
ABROSIMOVA, A M	800696	ANDREWS, AUSTIN K	802753	
ABU-GIDEIRI, Y B	800473	ANDRIASHEVA, M A	800046	
ACARA, A H	802756	ANDRIYASHEV, A P	803155	
ACHER, R J	800346	ANGELOVIC, JOSEPH W	800256	
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ACKMAN, R G	801412		802808	
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	802562	ANONYMOUS	800007	
ACOSTA, PEDRO A	801947		800026	
ADASCALTITEI, ECATERINA	803032		800190	
ADDISON, R F	801412		800392	
	802562		800555	
ADEMA, DOROTHEA M M	800720		800599	
AGRANOFF, BERNARD W	800211		800966	
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AGRAWAL, VINOD	802435		801037	
AHLSTROM, ELBERT H	801778		801105	
	802141		801200	
	803494		801201	
AHSGREN, LARS	800508		801202	
AIRAKSINEN, KARI J	801310		801203	
AISO, K	800870		801204	
AKAZAWA, HITOMI	801031		801343	
ALBERS, R WAYNE	800189		801344	
ALBERTSON, ROGER D	802651		801560	
ALBRECHT, HELMUT	800685		801571	
	800711		801600	
	801710		801671	
ALBRECHTSEN, K	802250		801674	
ALBUQUERQUE, J JACKSON L	802053		801675	
ALDEBERT, YVONNE	801995		801676	
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ALDERDICE, D F	801751		801799	
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ALDRIN, J -F	803021		801886	
ALEEM, ANWAR ABDEL	801833		802136	
ALEKPEROV, A P	803342		802287	
ALEXANDER, M D	801288		802462	
ALEXANDER, R MCNEILL	800274		802643	
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ALEXANDER, W S	803286	ANTHOUDARD, MICHEL	801916	
ALEXANDROVA, E N	802795	ANTISISHKINA, D M	803167	
ALFRED, ERIC R	801430	ANUKHINA, A M	801138	
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ALIKUNHI, K H	800065	AOE, HIROSHI	801596	
ALIYEV, D S	803348	AOKI, NAOAKI	802927	
ALLANSON, B R	800297	APEKIN, V S	801107	
ALLEN, A K	802268	APFELBACH, R	800389	
ALLEN, GEORGE H	801643		800685	
	802872		803238	
ALLEN, JOHN ROBERT LAWRENCE	801754		803239	
ALLEN, K RADWAY	802607		803240	
ALLEN, RICHARD L	800978	APPLEGATE, RICHARD L	802736	
	802581	APPLEGATE, SHELTON P	800310	
ALLISON, H J	801703		801400	
ALLISON, LEONARD H	802855	ARAGA, CHUICHI	802271	
ALLISON, RAY	802101	ARBAULT, SUZANNE	803040	
	802103	ARMAND, JACQUES	800915	
ALLISON, WILLIAM S	803105		801142	
ALMEIDA, L J	802294		802171	
ALOJ, S	801196	ARME, C	800303	
ALONCLE, H	802166	ARMSTRONG, ROBERT H	802340	
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ALPERN, MATHEW	801309	ARNHEIM, NORMAN	800567	
ALT, KENNETH T	802356	ARNOLD, M	801433	
ALTUKHOV, E A	801497	ARONSON, LESTER R	803443	
ALTUKHOV, K A	802827	ARORA, G S	800492	
ALVERSON, DAYTON L	801779	ARP, ARTHUR	802697	
	801780	ARURKAR, SURESH K	802417	
AMANO, HIDEOMI	801592	ARYV, LUCIE	801863	
	801595	ASHMOLE, MYRTLE J	800011	
AMANO, RYOHEI	800477	ASHMOLE, N PHILIP	800011	
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AMATO, JOSE FELIPE RIBEIRO	802592	ASPINWALL, NEVIN	802403	
AMEND, DONALD F	802842	ASTAKHOVA, T V	803333	
AMIN, OMAR MOHAMED	800276	ASTANIN, L P	803159	
	802221		803326	
AMIRKHANOV, G A	802461	ASWERUS, BERND M	800024	
AMMERAAAL, ROBERT NEAL	800789		800229	
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ATHENSTAEDT, HERBERT  
ATHERTON, LOUISA  
ATKIN, NIELS B

ATTON, F M  
ATZ, ETHEL H  
ATZ, JAMES W  
AUBERT, X  
AUCLAIR, R P  
AUERBACH, SUSAN E  
AVAVULT, JAMES W JR

AVERETT, ROBERT C  
AWACHIE, J B E  
AWAKURA, TERUHIKO  
AXELROD, HERBERT R

AZUMA, HIROSHI  
AZUMA, MIKIO  
BAADE, ROBERT

BABIKER, YOUSIF  
BABURINA, E A  
BACALBASA, NICOLAE  
BACKIEL, TADEUSZ

BACKUS, R H  
BACON, EDMOND J JR  
BADER, HERBERT  
BAENNINGER, RONALD  
BAERENDS, G P

BAGENAL, T B  
BAGGERMAN, BERTHA  
BAGLEY, SUSAN J  
BAGLIN, RAYMOND E JR  
BAGOT, ELIZABETH  
BAILEY, GEORGE S  
BAILEY, R G

BAIRD, RONALD C  
BAKER, BRIDGET I  
BALASUBRAHMANYAM, K  
BALDRIDGE, H DAVID JR  
BALL, J N

BALL, R C  
BALLARD, WILLIAM W  
BALLINTJN-DE VRIES, G  
BALLINTJN, C M  
BALON, EUGENIUSZ K

BALSANO, JOSEPH S  
BANARESCU, PETRU

BANDURSKI, ROBERT S  
BANERJI, TAPAN KUMAR  
BANINA, N N  
BANNER, ARNOLD  
BAPAT, S V  
BAPTIST, JOHN P  
BARA, GONUL  
BARANAUSKIENE, A  
BARANENKOVA, A S  
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BARBOUR, CLYDE D  
BARCLAY, S DE C  
BARD, J  
BARDACH, JOHN E

BARDACK, DAVID

BARKER, C J  
BARLOW, GEORGE W

BARNETT, MICHAEL A

BARR, W A  
BARRETT, B E  
BARRINGTON, E J W  
BARRON, KEVIN D  
BARSUKOV, V V  
BARTEL, RYSZARD

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BASS, J CARL  
BASSLER, R  
BASSOT, JEAN-MARIE  
BATES, R W  
BATH, HANS  
BAUER, JORG  
BAUER, O N  
BAUER, RICHARD  
BAUMGARTEN-SCHUMANN, D

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BAXTER, G T  
BAYER, FREDERICK M  
BAYMOV, U A  
BEAMISH, F W H  
BEARD, T W  
BEASLEY, ANNIE R  
BEATTY, D D

BEAULIEU, GERARD  
BEAUMAN, WILLIAM  
BECH, REINHOLD

BECKER, C DALE  
BECKETT, J S

BEDELL, GERALD  
BEHREND, ERIKA R  
BEIL, JOSEPH  
BEIRNE, CAPERTON  
BEKKER, V E

BELBENOIT, P  
BELL, ALLEN LESLIE  
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BELLAMY, D  
BELLAMY, MILDRED D  
BELLSTEDT, F  
BELOKOPYTIN, YU S  
BELSARE, D K  
BELY, K D  
BELYANINA, T N  
BEN-TUVIA, A  
BENAMY, DANIEL A  
BENDA, ROBERT S  
BENDER, MICHAEL EARL  
BENDIX-ALMGREEN, SVEND ERIK  
BENJKO, K I  
BENKARA-MOSTEFA, M  
BENNET, P SAM

BENNETT, MICHAEL V L

BENNINGER, HUGO  
BENOIT, DUANE  
BENSAM, P  
BENTLEY, WALLACE W  
BENZIE, VIVIENNE

BERCZIK, A  
BERDYSHEV, G D

BERG, ANDRE  
BERG, MAGNUS  
BERGERHOFF, K  
BERGERON, JULIEN  
BERGLUND, TORSTEN  
BERGMAN, PETER K  
BERGMANN, HANS-HEINER  
BERGSTROM, EVA  
BERINKEY, L  
BERKA, ROLAND  
BERKENKAMP, HEINZ O  
BERMAN, DAVID S  
BERN, HOWARD A

BERNARD, M  
BERNET-ROLANDE, MARIE-CLAIRE  
BERNSOHN, JOSEPH  
BERNSTEIN, JERALD J  
BERNSTEIN, MARY E  
BERRA, TIM M  
BERRIEN, PETER L  
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BERST, A H  
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BESSMERTNAYA, R YE	803403				
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BEZRUCHKO, S M	802053		BOYLE, ROBERT H	802476	
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BIC, JAROSLAV	803424		BRADSHAW, SIDNEY D	802572	
BIEGLER, RUTH	800864		BRADSTREET, EDDA	800994	
BIER, JEFFREY W	801602		BRAHMACHARY, R L	800209	
BIGELOW, HENRY B	803274		BRAND, A R	803427	
BILINSKI, E	802204		BRANDENBURG, WILLIAM	801966	
BILJKO, V P	802466		BRANDES, C H	801660	
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	803162		BRANHAM, LOWELL	801603	
BILLARD, ROLAND	800415		BRANSON, BRANLEY A	800003	
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BILLENSTIEN, DOROTHY C	800818			801234	
BILTON, H T	802316		BRAUM, ERICH	801235	
	802552		BRAUN, F	802330	
	802555		BRAUNITZER, GERHARD	801260	
BINI, GIORGIO	802863		BREDER, CHARLES M JR	801970	
BIRD, NANCY THORNTON	801689		BRESTOWSKY, MICHAEL	803295	
BIRDSONG, RAY S	800940		BREUER, H	803418	
	802058		BREUER, J	801454	
BIRMAN, I B	803168		BREZINOVA, DRAHOMIRA	801454	
BISHAI, H M	800473		BRICKER, NEAL S	802618	
BISHOP, I R	800324		BRIDGES, DAVID W	801337	
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BJORNIN, T C	800402		BRITTEN, R J	800103	
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BLACKBURN, ROBERT D	802069			800598	
BLACKER, R W	801115		BROCKERHOFF, H	801980	
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BLACKETT, ROGER F	800998		BRODER, LAWRENCE E	800009	
BLANC, M	800173		BROMAGE, N R	801285	
	801617		BROMLEY, DENNIS D	800672	
BLANC, NELLY	803052		BROOKS, JOHN LANGDON	801424	
BLANCHETE-AUDEZERE, CORYSE	801080		BROOKSHIRE, KENNETH H	803009	
BLAXTER, J H S	800176		BROTCHI, J	803091	
	801532		BROUWER, EDUARD	800467	
BLOT, JACQUES	800406		BROWN, C J D	800726	
BLUM, VOLKER	800712		BROWN, EDWARD H JR	802202	
	800963		BROWN, ELISE ANN BRANDENBURGER	801881	
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	801743		BROWN, J NEAL	800574	
	802528		BROWN, PAT	803313	
	803118		BROWNELL, ROBERT L JR	801301	
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	803226		BRUIJNS, M	803415	
	803227		BRUMMETT, ANNA RUTH	801914	
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BOCKELEE-MORVAN, M L	801267		BRUSYNINA, I N	802635	
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BODENHEIMER, THOMAS S	801341		BUCKNALL, GEOFFREY	800105	
BOESEMAN, M	802883		BUCLON, MAURICE	801176	
BOETIUS, JAN	800721			801999	
	802217		BUDD, J C	802016	
BOFFA, GEORGES A	801403		BUERKLE, UDO	802573	
	801812		BUHLER, DONALD R	802422	
BOGATYREV, P B	801363			800565	
BOGDANOV, G A	802823		BULATOVICH, M A	803207	
BOGGS, NATHANIEL JR	801699			801497	
BOHLKE, JAMES E	800583		BULGER, RUTH ELLEN	802827	
	801919		BULL, J M	801652	
	801920		BULLIS, HARVEY R JR	803094	
	801921			801777	
	801949		BULLOCK, GRAHAM L	802130	
	803139			800073	
BOISSON, C	800401		BULLOCK, THEODORE H	802383	
	801266			800824	
BOISTEANU, I	802675		BURDAK, V D	801146	
BOITANO, JOHN J	803090			800743	
BOKDAWALA, F D	801651		BURDICK, G E	803198	
BOLTON, FRANK E	803231		BURGER, J WENDELL	802971	
BOND, CARL E	802874		BURGGRAFF, LEO J	801340	
BONHAM, KELSEY	802755		BURKE, W DAVID	800088	
BONN, ED W	801436			802725	
BONNET, MARC	801998		BURNET, A M R	802788	
BOOKE, HENRY EDWARD	801513		BURNETT, C D	803179	
	802471		BURNETT, JEAN B	800756	
BOOTH, RICHARD ATWATER	800277		BURNSTOCK, G	800166	
BORGSTROM, REIDAR	802524			800935	
BORISOV, I N	800431		BURROWS, ROGER E	801618	
BORODULINA, O D	801123		BURSTYN, HAROLD L	802833	
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BOROVIK, E A	802047		BUSCHMANN, ERWIN	800078	
BOROWIK, MARIA M	801181		BUSS, KEEN	800750	
BORY-MIACZYNSKI, TADEUSZ	802098			800513	
BOSQUE, P G	801650		BUSSIERAS, J	800871	
BOTHERN, C R	802419		BUSSING, W A	803374	
BOTTE, VIRILIO	803383		BUTLER, D G	803021	
BOUCK, G R	802404		BUTLER, PHILIP A	803275	
BOULINEAU-COATANEAN, F	802669		BUTLER, ROBERT L	800731	
BOULVA, JEAN	802414		BYCZKOWSKA-SMYK, WANDA	803467	
BOUTIN, NICOLE	803040			802696	
BOUVET, JEAN	800621			800640	
BOWEN, J T	802647		BYKOV, N E	803028	
			BYZOV, A L	803196	
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TO  
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CABEJSEK, MILAN  
CACES-BORJA, PRISCILLA

CADENAT, J  
CADWALLADR, D A  
CAHILL, G F  
CAHN, PHYLLIS H  
CAHNDR, RAVISH  
CAILLOUET, CHARLES W JR  
CAIRNS, JOHN JR  
  
CALDERON, ENRIQUE G  
CALDWELL, RICHARD STANLEY  
CALDWELL, WILLARD E  
CALLEGARINI, CARLO  
  
CAMERON, JAMES N  
CAMP, C L  
CAMPBELL, GORDON  
CANDELAS, GRACIELA C  
CANESTRI, VICTOR  
CAPREOL, S V  
CARAVITA, SILVIA  
CARBERY, J T

CARL, GERD  
CARLANDER, KENNETH D  
CARLSON, C P  
CARLSON, CLARENCE A  
CARLSON, FRANK T  
CARLSON, KEITH J  
CARLTON, WILLIAM G  
CARMIGNANI, MARIA PIA ALBANESE  
CAROTHERS, JOHN L  
CARPENTER, JAMES S  
CARRERES, J  
CARROTHERS, P J G  
CARSON, JOHN B  
CARTER, LUCY  
CARTER, NEIL E

CASE, GERARD P  
CASOLA, LUIGI

CASTEX, MARIANO N  
CASTLE, P H J

CAULFIELD, W  
CAUTIS, ILENA

CAVANAH, HAROLD S  
CAVENDER, TED M  
CAVICCHIOLI, G  
CECH, JOSEPH J JR  
CELLER, MIROSLAW

CERNY, KAREL  
CERVIGON, FERNANDO

CHADWICK, HAROLD K  
CHAKRABARTI, K K

CHAKRAPANY, S  
CHAMBERLAIN, THEODORE C  
CHAN, D K O

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CHANG, RANDOLPH K C  
CHAPLIN, CHARLES C G  
CHAPMAN, D W

CHAPMAN, GARY A  
CHAPMAN, GEORGE B  
CHAPMAN, RAY  
CHAPMAN, WILBERT MACLEOD  
CHAROUSSET, FRANCOIS

CHARTIER-BARADUC, MARIE-MADELEINE

CHARYEV, R  
CHASTON, I

CHAUDHURI, HIRALAL  
CHAUHAN, P P S  
CHAULK, R  
CHAUVET, J  
CHAUVET, M T  
CHAVIN, WALTER  
CHEEK, RANDALL P  
CHEN, H  
CHEN, TCHAW-REN

CHENNUBHOLTA  
CHERNENKO, E V  
CHERVINSKI, JONATHAN

CHESS, JAMES  
CHESTER JONES, I

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CHIEFFI, GIOVANNI

CHIKUNI, SHIRO

CHILDS, MICHAEL O'MEARA  
CHIN, K C  
CHINA, W E  
CHIRIAC, EL  
CHISLENKO, I L  
CHIZINSKY, WALTER  
CHLUPATY, PETER  
CHOAT, J H  
CHOE, TAE SIK  
CHRISTIANSEN, HARALDO E  
CHRISTIE, W J  
CHUA, T E  
CHUBA, JOSEPH V  
CHUBB, J C  
CHUNG, BYUNG-SUN  
CHUNG, JONG RAK  
CHURCH, R E (RON)  
CHURCHILL, D N  
CIARDELLI, ALEJANDRO  
CIHAR, J  
CIULLO, ROBERT HENRY  
CLADY, MICHAEL D  
CLAFF, LLOYD  
CLAIRE, ERROL W

CLARK, EUGENIE  
CLARK, JOHN  
CLARK, JOHN B  
CLARKE, THOMAS ARTHUR  
CLARKE, W CRAIG  
CLARKE, W D  
CLEAVER, FREDERICK CHARLES  
CLEMMENS, HOWARD P

CLEMMER, GLENN H  
COBB, BRYANT F. III  
COHEN, DANIEL M

COHEN, PHILIP P

COHEN, SYLVAN  
COKE, MICHAEL  
COLE, CHARLES F  
COLE, GERALD A  
COLLETTE, BRUCE B

COLLIGNON, J

COLLIN, JEAN-PIERRE

COLLINS, GERALD B  
COLOMBO, V E  
COMBS, BOBBY D

CONGLETON, JAMES L  
CONNELLY, HARRIET  
CONNOR, P M  
CONTE, FRANK P  
CONTRERAS, SALVADOR  
COOK, BARBARA A  
COOLEY, ARTHUR P  
COON, KENNETH L  
COOPER, ALLAN  
COOPER, GERALD P  
COOPER, JOHN E  
COOPERSTEIN, S J  
COPELAND, B J  
COPELIN, FARRELL  
COPP, D HAROLD  
CORDONE, ALMO J  
CORJUNOVA, S V  
CORLETT, JOHN  
CORLEY, D R  
CORNELIUS, RICHARD R  
CORNELL, J HARRY

CORSIN, J  
CORTES, M T  
COSTANZO, D J  
COUSSEAU, MARIA B  
COVELLI, I  
COWAN, C MICHAEL  
COWEY, C B  
COWGILL, URSULA M  
COX, STEVEN J  
CRADDOCK, D R  
CRADDOCK, JAMES E

CRANE, JOHN W

CRANE, JULES M JR  
CREPY, D  
CRESCENZI, ARMAND A  
CRESSEY, ROGER F  
CROKAERT, R

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	801670	DENDY, J S	800066	
	801722	DENISON, ROBERT H	801563	
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	801981	DENNIS, EMMET A	800278	
	802248	DENZER, HANS W	800060	
	802575	DERBIN, CLAUDE	803315	
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DA SILVA, E J	801496	DEVILLE, JACQUELINE	801415	
DADZIE, STEPHEN	802294		803053	
DAGAN, Y	800427	DEVILLERS, CH	803410	
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DAHL, FREDERICK H	803035	DEWITT, HUGH	803100	
	802732	DEYOE, C W	800882	
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DAHLBERG, MICHAEL DANIEL	801445	DHARMAMBA, MUTHUSAMY	800735	
DAHLBERG, MICHAEL L	802283	DHINGRA, O P	802541	
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DALQUEST, WALTER W	800157	DIAZ, MARCOS TULIO	801236	
DALRYMPLE, BYRON	801700	DICK, M.W.	800216	
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	801570	GAGNON, ANDRE	803387	TO
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	802641	GANAPATI, S V	801877	
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FLOODGATE, G D	800436		802685	
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	801630	GARIN, D	801143	
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	801314	GARRISON, ROBERT L	800079	
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	802223	GASAWAY, CHARLES R	801378	
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	801297	GATEHOUSE, C G	800403	
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	802972	GAUBERT, HENRI	800268	
	803247		800613	
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	802299	GAUTRON, JEAN	800022	
FORSTER, G R	801084	GAVRILOV, G B	803196	
FORSYTHE, MICHAEL GEORGE	801480	GAYGALAS, K S	803320	
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FOWLER, L G	802308	GEHARDT, GARY A	802585	
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FRANCO, PHILIP S	800125		802184	
FRANK, STANISLAV	800204	GELLER, NAOMI	803243	
	800391	GEORGE, JEAN	801177	
	800493	GEORGE, K C	800444	
	800550	GERARD-BURZAWA, E	801297	
	801020	GERBERICH, J B	802162	
	801388	GERD, A S	803335	
	803018	GERLACH, MAGNUS	801049	
FRANKE, HANNS-JOACHIM	800856	GERMAIN, PAUL	800579	
	801058	GERRICK, DAVID J	800716	
FRANKENBERG, ROGER	800987	GERULAITIS, A	802801	
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FRANTZ, TED C	802864	GERY, JACQUES	800109	
FRASER, DORIS I	802377		800588	
	802400		801022	
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FRASER, J M	802695		801238	
	802835		801369	
FRASER, THOMAS H	802189	GEYER, G	802028	
FREEMAN, BARRY O	801395	GHITTINO, P	802509	
FREEMAN, H C	801358		803311	
	802381		801605	
FREESE, M	801469		800982	
FREIMARK, STEVEN J	803264	GHOSH, A N	800984	
FREITAS, YVONNE M	802294	GHOSH, ASOK	802373	
FREUDENBERG, H	800839	GHOSH, R K	803483	
FREYER, KLAUS	801429	GIBAVICIENE, D	802434	
FRICKE, HANS-WALTER	803367	GIBBS, ROBERT H JR	802811	
FRIDBERG, GUNNAR	800668		800158	
	803007		802142	
FRISA, CHARLES	802971		802215	
FROLICH, K O	801466	GIBSON, R N	801734	
FROMM, PAUL O	801286	GIDEIRI, ABU	800270	
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	801339	GIERE, OLAV	800972	
	802262	GIESE, ARTHUR C	800576	
FROT-COUTAZ, JACQUES	801287	GILBERT, CARTER R	801188	
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FRY, F E J	802573		803088	
FRY, JAMES P	802748	GILBERT, CLAIRE K	800112	
FRYER, GEOFFREY	800015	GILBERT, JOHN W	801783	
	800384	GILBERT, PERRY W	800112	
	801229		803304	
	801230	GILL, CHARLES A	802282	
FRYER, JOHN L	802842	GILL, CHARLES D	802402	
	803297	GILLETTE, JANET R	801286	
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FUJIHARA, M PAUL	802581	GIMMELREIKH, G A	802813	
FUJII, RYOZO	801448	GLADKII, G V	802048	
	803270	GLASS, NORMAN R	800511	
FUJII, TAKEJI	801100	GLENN, C L	802415	
	802109	GLOGOWSKY, MICHAEL	801635	
	802110	GLOVER, C J M	802054	
	802885	GLUCKSMAN, JOSEPH	801682	
FUJIISHI, AKIO	800524	GNANAMUTTU, J C	800453	
FUJINO, KAZUO	800143	GODFREY, H	802552	
	803006	GODOLLO, PETER HORN	802501	
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	801589	GOIN, COLEMAN J	801423	
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FURSCH, HELMUT	800387		801718	
FURUKAWA, T	803269		803025	
FUSETANI, NOBUHIRO	800924	GOLOVINSKAIA, K A	800047	

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GOMES, DELIR CORREA  
GONTHIER, BEATRICE  
GOOD, R A  
GOODWIN, WALTER F  
GOODY, PETER C  
GOORIS, RAYMOND J  
GOPALAKRISHNAN, V  
GORBMAN, A  
GORDON, MALCOLM S  
GORDON, R W  
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GORFF, LOTHAR  
GORHAM, STANLEY W  
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GRAFF, DELANO R  
GRAFSTEIN, BERNICE  
GRAHAM, CHARLES R JR  
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IKENOUE, HIROMU  
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ILIESCU, MARIUS

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	800143	KIRKPATRICK, DICK	800044	
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KANNO, SAKARI	803443	KITAHARA, TAKERU	801579	
KAPLAN, HARRIET	801192		800760	
KAPOOR, B G	801607	KITAKATA, MASAOKI	802784	
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	801030	KIYOHARA, TOSHIKAZU	803183	
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KATO, SUSUMU	802113		801717	
KAUSCH, HARTMUT	800836		801719	
KAWAI, AKIRA	800900		801723	
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KEMPINSKA, HELENA	800043		803459	
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KOSER, RICHARD  
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MACKAY, R STUART	801151		802109	
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MCWILLIAMS, ALICE K  
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RAFAIL, SAMIR ZAKY  
RAGIMOV, D B

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RASMUSSON, MARY E

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800002	TATUM, BUFORD 'RED' - 1968 NORTHERN PIKE GAIN FOOTHOLD IN STATE LAKES OUTDOOR OKLAHOMA 24(1)17-19, 5 FIGS		
800003	BRANHAM, LOWELL - 1968 NEWEST FISH THAT SWIMS FIELD AND STREAM 72(10)64 + 155-160, 1 FIG		
800004	VAN DEN NIEUWENHUIZEN, AREND - 1968 PLEZIER MET CICHLIDEN DEEL 1 TILAPIA THOLLONI HET AQUARIUM (DEN HAAG) 38(7)158-164, 7 FIGS		
800005	VERHOEF, H J - 1968 ERVARINGEN MET DE KEIZERTETRA NEMATOBRYCON PALMERI EIGENMANN (1911) HET AQUARIUM (DEN HAAG) 38(7)146-152, 6 FIGS		
800006	DE SYLVA, DONALD P - 1968 POISON IN THE POT SEA FRONTIERS 14(1)3-8, 6 FIGS		
800007	ANONYMOUS - 1968 SLEEPING SHARK SEA FRONTIERS 14(1)17, 1 FIG		
800008	SOUTHWICK, CHARLES H; WARD, RONALD W - 1968 AGGRESSIVE DISPLAY IN THE PARADISE FISH MACROPODUS OPERCULARIS L TURTOX NEWS 46(2)57-62, 6 FIGS, 1 TABLE		
800009	BROCKSEN, ROBERT W; DAVIS, GERALD E; WARREN, CHARLES E - 1968 COMPETITION FOOD CONSUMPTION AND PRODUCTION OF SCULPINS AND TROUT IN LABORATORY STREAM COMMUNITIES J WILDLIFE MANAGE 32(1)51-75, 19 FIGS, 5 TABLES		
800010	AVERETT, ROBERT C; ESPINOSA, F A JR - 1968 SITE SELECTION AND TIME OF SPAWNING BY TWO GROUPS OF KOKANEE IN ODELL LAKE OREGON J WILDLIFE MANAGE 32(1)76-81, 3 FIGS, 3 TABLES		
800011	ASHMOLE, MYRTLE J; ASHMOLE, N PHILIP - 1968 THE USE OF FOOD SAMPLES FROM SEA BIRDS IN THE STUDY OF SEASONAL VARIATION IN THE SURFACE FAUNA OF TROPICAL OCEANIC AREAS PAC SCI 22(1)1-10, 1 TABLE		
800012	SALMON, MICHAEL; WINN, HOWARD E; SORGENTE, NINO 1968 SOUND PRODUCTION AND ASSOCIATED BEHAVIOR IN TRIGGERFISHES PAC SCI 22(1)11-20, 4 FIGS, 3 TABLES		
800013	YAMAGUTI, SATYU - 1968 CESTODE PARASITES OF HAWAIIAN FISHES PAC SCI 22(1)21-36, 7 FIGS, 1 TABLE		
800014	RUDEBERG, CLAES - 1968 STRUCTURE OF THE PINEAL ORGAN OF THE SARDINE SARDINA PILCHARDUS SARDINA (RISSO) AND SOME FURTHER REMARKS ON THE PINEAL ORGAN OF MUGIL SPF Z ZELLFORSCH		
800015	FRYER, GEOFFREY - 1968 AN UNUSUAL FISH PARASITE PETFISH MONTHLY 2(10)410-411, 4 FIGS		
800016	ENG, LEE CHIN - 1968 SPAWNING THE CLOWN FISH PETFISH MONTHLY 2(11)449-450, 1 FIG		
800017	UNWIN, PETER - 1968 GUPPY WORLD PETFISH MONTHLY 2(11)453-454		
800018	KLAUSEWITZ, WOLFGANG - 1968 WASSERSCHNELE FISCHE AQUARIEN MAG JAN(1)6-11, 9 FIGS		
800019	VAN DEN NIEUWENHUIZEN, AREND - 1968 PELMATOCHROMIS THOMASI AQUARIEN TERRARIEN Z 21(2)33-38, 13 FIGS 21(3)79-80 + 81-84, 12 FIGS		
800020	KIMMEL, SIEGFRIED - 1968 DER ZWERGBUSCHFISCH CTENOPOMA NANUM AQUARIEN TERRARIEN Z 21(2)43-45, 2 FIGS		
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800022	ISRAEL, MAURICE; GAUTRON, JEAN; LESBATS, BERNARD - 1968 ISOLEMENT DES VESICULES SYNAPTQUES DE L'ORGANE ELECTRIQUE DE LA TORPILLE ET LOCALISATION DE L'ACETYLCHOLINE A LEUR NIVEAU C R HEBD SEANCES ACAD SCI (PARIS) SER D 266(3)273-277, 2 PLATES, 2 TABLES		
800023	CHLUPATY, PETER - 1968 EIN BERGMANN DER NUR STEINE FORDERT AQUARIEN MAG FEB(2)57-58, 3 FIGS		
800024	ASWERUS, BERND M - 1968 ES GIBT NOCH NEUES VOM DREISTACHELIGEN STICHLING AQUARIEN MAG FEB(2)62-69, 9 FIGS		
800025	VON FILEK, JOHANNA; VON FILEK, WERNER - 1968 EIN DORN IM AUGE DIE SYSTEMATIK DER DORNAUGEN AQUARIEN MAG FEB(2)72-75, 5 FIGS		
800026	ANONYMOUS - 1968 EIN GUPPY WIRD GEBOREN AQUARIEN MAG FEB(2)52-53, 5 FIGS		
800027	VAN DEN NIEUWENHUIZEN, AREND - 1968 GYMNOCORYMBUS TERNETZI DER TRAUERMANTELSALMLER AQUARIUM TERRARIEN Z 21(1)3-7, 10 FIGS		
800028	FISCHER, PAUL E - 1968 APISTOGRAMMA RAMIREZI IST DOCH VENEZOLANER AQUARIEN TERRARIEN Z 21(1)8-11, 1 FIG		

800029 - 800055	800029	WOLF, KURT - 1968 IST ELASSOMA EVERGLADEI DER ZWERGBARSCH IN VERGESSENHEIT GERATEN AQUARIEN TERRARIEN Z 21(1)10-12, 1 FIG	THE ESTIMATION OF THE QUALITY OF CARP BY MEANS OF LENGTH TO HEIGHT RATIO AND RELATIVE WEIGHT GAINS FAO (FOOD AGR ORGAN UN) FISH REP 44(4)160-168, 3 FIGS, 3 TABLES	
	800030	PAULO, JOCHEN - 1968 FEHLVERHALTEN BEI PELMATOCHROMIS CAMERUNENSIS AQUARIEN TERRARIEN Z 21(1)12-14, 2 FIGS	800043	KEMPINSKA, HELENA - 1968 THE GROWTH OF FEMALES AND MALES OF CARP (CYPRINUS CARPIO) FAO (FOOD AGR ORGAN UN) FISH REP 44(4)169-178, 1 FIG, 3 TABLES
	800031	LUCKY, ZDENEK - 1968 ANOMALIEN UND KÖRPERDEFORMATIONEN VON ZIERFISCHEN AQUARIEN TERRARIEN Z 21(1)14-16, 6 FIGS	800044	KIRP, TSCHNIKOV, V. S. - 1968 EFFICIENCY OF MASS SELECTION AND SELECTION FOR RELATIVES IN FISH CULTURE FAO (FOOD AGR ORGAN UN) FISH REP 44(4)179-194, 3 FIGS, 4 TABLES
	800032	HERKNER, HUGO - 1968 BEOBACHTUNGEN AN ICHTHYOPHTHIRIUS MULTIFILIIS FOUQUET AQUARIEN TERRARIEN Z 21(1)24-27, 4 FIGS	800045	KONRADT, A. G. - 1968 METHODS OF BREEDING THE GRASS CARP, CTENOPHARYNGODON IDELLA AND THE SILVER CARP, HYPOPHthalmichthys MOLITRIX FAO (FOOD AGR ORGAN UN) FISH REP 44(4)195-204, 5 TABLES
	800033	MOAV, ROM; WOHLFARTH, G. W. - 1968 GENETIC IMPROVEMENT OF YIELD IN CARP FAO (FOOD AGR ORGAN UN) FISH REP 44(4)12-29, 4 FIGS, 4 TABLES	800046	ANDR, ASHEVA, M. A. - 1968 SOME RESULTS OBTAINED BY THE HYBRIDIZATION OF CYPRINIDS FAO (FOOD AGR ORGAN UN) FISH REP 44(4)205-214, 1 FIG, 6 TABLES
	800034	CHAUJHURI, HIRALAL - 1968 BREEDING AND SELECTION OF CULTIVATED WARM WATER FISHES IN ASIA AND THE FAR EAST A REVIEW FAO (FOOD AGR ORGAN UN) FISH REP 44(4)30-66, 1 TABLE	800047	GOLOV, N. S. K. A. - 1968 GENETICS AND SELECTION OF FISH AND ARTIFICIAL GYNOGENESIS OF THE CARP (CYPRINUS CARPIO) FAO (FOOD AGR ORGAN UN) FISH REP 44(4)215-222, 2 TABLES
	800035	CLEMMENS, HOWARD P. - 1968 A REVIEW OF SELECTION AND BREEDING IN THE CULTURE OF WARM WATER FOOD FISHES IN NORTH AMERICA FAO (FOOD AGR ORGAN UN) FISH REP 44(4)67-80	800048	PRUGNIN, Y. - 1968 THE CULTURE OF CARP AND TILAPIA HYBRIDS IN UGANDA FAO (FOOD AGR ORGAN UN) FISH REP 44(4)223-229, 2 FIGS
	800036	DE MENEZES, RUI SIMOES - 1968 CRIAR Y SELECCION DE LOS PECES CULTIVADOS EN AGUAS TEMPLADAS EN AMERICA DEL SUR Y CENTRAL FAO (FOOD AGR ORGAN UN) FISH REP 44(4)81-85	800049	SABIONCELLO, IVO; MARKO, SIBILA - 1968 QUELQUES EXPERIENCES AVEC LE FRAI ARTIFICIAL DE LA CARPE FAO (FOOD AGR ORGAN UN) FISH REP 44(4)230-236, 1 TABLE
	800037	GREENE, GEORGE N. - 1968 A REPRODUCTION CONTROL FACTOR IN THE CYPRINID FISH BRACHYDANIO RERIO FAO (FOOD AGR ORGAN UN) FISH REP 44(4)86-92, 2 TABLES	800050	AVAVULT, JAMES W JR; SHELL, E. W. - 1968 PRELIMINARY STUDIES WITH THE HYBRID TILAPIA TILAPIA NILOTICA X TILAPIA MOSSAMBICA FAO (FOOD AGR ORGAN UN) FISH REP 44(4)237-242, 3 TABLES
	800038	WLODEK, J. M. - 1968 STUDIES ON THE BREEDING OF CARP (CYPRINUS CARPIO) AT THE EXPERIMENTAL POND FARMS OF THE POLISH ACADEMY OF SCIENCES IN SOUTHERN SILESIA POLAND FAO (FOOD AGR ORGAN UN) FISH REP 44(4)93-116, 5 FIGS, 3 TABLES	800051	SWINGLE, H. S. - 1968 BIOLOGICAL MEANS OF INCREASING PRODUCTIVITY IN PONDS FAO (FOOD AGR ORGAN UN) FISH REP 44(4)243-257, 11 TABLES
	800039	THEREZ, EN, Y. - 1968 ESSAI DE DETERMINATION DES PERTES AU COURS DES DIFFERENTES PHASES DE LALEVINAGE DE LA CARPE FAO (FOOD AGR ORGAN UN) FISH REP 44(4)117-139, 9 TABLES	800052	YAS-OJY, A. - 1968 MIXED FISH CULTURE AN ECOLOGICAL APPROACH TO INCREASE POND PRODUCTIVITY FAO (FOOD AGR ORGAN UN) FISH REP 44(4)258-273, 7 TABLES
	800040	THEREZ, EN, Y. - 1968 ETUDE SUR LA REPRODUCTION A MADAGASCAR DE COUPLES DE DIFFERENTES ESPECES DE TILAPIA FAO (FOOD AGR ORGAN UN) FISH REP 44(4)140-147, 5 TABLES	800053	PABANAL, HERMINIO R. - 1968 STOCK MANIPULATION AND OTHER BIOLOGICAL METHODS OF INCREASING PRODUCTION OF FISH THROUGH POND FISH CULTURE IN ASIA AND THE FAR EAST FAO (FOOD AGR ORGAN UN) FISH REP 44(4)274-288, 6 TABLES
	800041	LESSENT, P. - 1968 ESSAIS D'HYBRIDATION DANS LE GENRE TILAPIA A LA STATION DE RECHERCHES PISCICOLES DE BOUAKE, COTE D'IVOIRE FAO (FOOD AGR ORGAN UN) FISH REP 44(4)148-159, 4 FIGS	800054	HUET, M. - 1968 METHODES BIOLOGIQUES D'ACCROISSEMENT DE LA PRODUCTION PISCICOLE (EUROPE ET AFRIQUE), FAO (FOOD AGR ORGAN UN) FISH REP 44(4)289-327
	800042	STEGMAN, KAZIMIERZ - 1968	800055	THEREZ, EN, Y. - 1968

**800056** BACKIEL, TADEUSZ; STEGMAN, KAZIMIERZ - 1968  
**TEMPERATURE AND YIELD IN CARP PONDS**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)334-342, 4 TABLES

**800069** CAIRNS, JOHN JR; SCHEIER, ARTHUR - 1968  
**A COMPARISON OF THE TOXICITY OF SOME COMMON  
INDUSTRIAL WASTE COMPONENTS TESTED INDIVIDUALLY  
AND COMBINED**  
PROGR FISHCULT  
30(1)3-8, 3 TABLES

**800057** AVAULT, JAMES W JR; SHELL, E W; SMITHERMAN, R O  
1968  
**PROCEDURES FOR OVERWINTERING TILAPIA**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)343-345, 1 TABLE

**800070** GROUTAGE, THOMAS M - 1968  
**UNIQUE ILLINOIS POND SUPPORTS RAINBOW TROUT**  
PROGR FISH-CULT  
30(1)9-12, 2 TABLES

**800058** LIVOJEVIC, ZLATKO - 1968  
**METHODES AMELIOREES DELEVAGE DES CARPILLONS DUN  
ETE POUR ACCROITRE LA PRODUCTION DES ETANG DE  
CARPICULTURE**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)346-352

**800071** LATAPIE, WALTER R - 1968  
**TAGS NOT RECOVERED FROM ATLANTIC CROAKERS**  
PROGR FISH-CULT  
30(1)12

**800059** SHELL, E W - 1968  
**MONOSEX CULTURE OF MALE TILAPIA NILOTICA  
LINNAEUS IN PONDS STOCKED AT THREE RATES**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)353-356, 2 TABLES

**800072** FLICK, WILLIAM - 1968  
**DISPERSAL OF AERATED WATER AS RELATED TO  
PREVENTION OF WINTERKILL**  
PROGR FISH-CULT  
30(1)13-18, 4 FIGS, 1 TABLE

**800060** DENZER, HANS W - 1968  
**STUDIES ON THE PHYSIOLOGY OF YOUNG TILAPIA**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)357-366, 3 FIGS, 1 TABLE

**800073** BULLOCK, GRAHAM L - 1968  
**THE BACTERIOLOGY OF BROOK TROUT WITH TAIL ROT**  
PROGR FISH-CULT  
30(1)19-22, 1 FIG, 2 TABLES

**800061** COON, KENNETH L; LARSEN, ALFRED; ELLIS, JAMES E  
1968  
**A MECHANIZED HAUL SEINE FOR USE IN FARM PONDS**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)367-385, 14 FIGS, 3 TABLES

**800074** GUNSTROM, GARY K - 1968  
**GONAD WEIGHT TO BODY WEIGHT RATIO OF MATURE  
CHINOOK SALMON MALES AS A MEASURE OF GONAD SIZE**  
PROGR FISH-CULT  
30(1)23-25, 1 FIG, 1 TABLE

**800062** PROWSE, G A - 1968  
**STANDARDIZATION OF STATISTICAL METHODS IN FISH  
CULTURE RESEARCH**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)386-396

**800075** HERTING, GERALD E - 1968  
**RATE OF DIGESTION IN THE BOWFIN**  
PROGR FISH-CULT  
30(1)26-28, 1 TABLE

**800063** SWINGLE, H S - 1968  
**STANDARDIZATION OF CHEMICAL ANALYSES FOR WATERS  
AND POND MUDS**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)397-421, 1 FIG, 2 TABLES

**800076** MCCOMISH, THOMAS S - 1968  
**SEXUAL DIFFERENTIATION OF BLUEGILLS BY THE  
UROGENITAL OPENING**  
PROGR FISH-CULT  
30(1)28, 1 FIG

**800064** SWINGLE, H S - 1968  
**STANDARDIZATION OF BIOLOGICAL METHODS IN FISH  
CULTURE RESEARCH**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)422-429, 3 TABLES

**800077** LEWIS, WILLIAM M - 1968  
**ISOBORNYL THIOCYANOACETATE AS A FISH DRUGGING  
AGENT AND SELECTIVE TOXIN**  
PROGR FISH-CULT  
30(1)29-31, 2 TABLES

**800065** ALIKUNHI, K H - 1968  
**STANDARDIZATION OF BIOLOGICAL STUDIES IN FISH  
CULTURE RESEARCH**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)430-474

**800078** BUSBEE, RAYMOND L - 1968  
**PISCIVOROUS ACTIVITIES OF THE CHANNEL CATFISH**  
PROGR FISH-CULT  
30(1)32-34, 1 FIG, 1 TABLE

**800066** DENDY, J S - 1968  
**TESTING PLANT MATERIALS FOR DETECTION OF  
OXYGEN-DEFICIENT WATER IN PONDS**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)475-479, 2 FIGS

**800079** GARRISON, ROBERT L - 1968  
**THE TOXICITY OF PRO-NOXFISH TO SALMONID EGGS  
AND FRY**  
PROGR FISH-CULT  
30(1)35-38, 4 FIGS, 2 TABLES

**800067** WOHLFARTH, G W; MOAV, ROM - 1968  
**THE RELATIVE EFFICIENCY OF EXPERIMENTS  
CONDUCTED IN UNDIVIDED PONDS AND IN PONDS  
DIVIDED BY NETS**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)487-492, 1 TABLE

**800080** CLADY, MICHAEL D; ULRIKSON, GERALD U - 1968  
**MORTALITY OF RECENTLY HATCHED BLUEGILL FRY AS A  
RESULT OF HYDRA**  
PROGR FISH-CULT  
30(1)39-40

**800068** RABE, FRED W - 1968  
**BROOK TROUT POPULATIONS IN HIGH LAKES  
NORTHWEST SCI**

**800081** REINGOLD, MELVIN - 1968  
**WATER TEMPERATURE AFFECTS THE RIPENING OF ADULT  
FALL CHINOOK SALMON AND STEELHEAD**  
PROGR FISH-CULT  
30(1)41-42, 1 FIG

**800082** REGIER, H A; SWALLOW, W H - 1968  
**AN AQUARIUM TEMPERATURE CONTROL SYSTEM FOR  
FIELD STATIONS**

- 800083 PROGR FISH-CULT  
30(1)43-46, 2 FIGS, 1 TABLE
- 800083 IHM, WILLIAM J - 1968  
**MOUNTING FISH SPINE SECTIONS RAPIDLY AND PERMANENTLY**  
PROGR FISH-CULT  
30(1)46, 1 FIG
- 800084 LONSDALE, E M; BAXTER, G T - 1968  
**DESIGN AND FIELD TESTS OF A RADIO-WAVE TRANSMITTER FOR FISH TAGGING**  
PROGR FISH-CULT  
30(1)47-52, 4 FIGS
- 800085 MAXWELL, JAMES I - 1968  
**PRODUCTION OF CHANNEL CATFISH FINGERLINGS**  
PROGR FISH-CULT  
30(1)52, 1 TABLE
- 800086 TRACY, HARRY B - 1968  
**DEVELOPMENT OF A SHALLOW-WATER TAGGING GUN**  
PROGR FISH-CULT  
30(1)53-56, 3 FIGS
- 800087 GRISWOLD, BERNARD L - 1968  
**A TUBE FOR OBSERVING SALMONID EGGS IN NATURAL REDDS**  
PROGR FISH-CULT  
30(1)56, 1 FIG
- 800088 BURGGRAFF, LEO J; WEILER, WILLIAM C - 1968  
**A NEW FISH LOADER FOR COLORADO**  
PROGR FISH-CULT  
30(1)61, 1 FIG
- 800089 WYDOSKI, RICHARD S; WOLFERT, DAVID R - 1968  
**AN IMPROVED GIRTHOMETER FOR STUDIES OF GILL NET SELECTIVITY**  
PROGR FISH-CULT  
30(1)62-64, 2 FIGS, 1 TABLE
- 800090 MCCAULEY, ROBERT W; TRIMBORN, F - 1968  
**INCUBATING RAINBOW TROUT EGGS IN HEATED, RECIRCULATED WATER**  
PROGR FISH-CULT  
30(1)64
- 800091 GRANT, P T; REID, K B M - 1968  
**ISOLATION AND A PARTIAL AMINO ACID SEQUENCE OF INSULIN FROM THE ISLET TISSUE OF COD, GADUS CALLARIAS**  
BIOCHEM J  
106(2)531-541, 5 FIGS, 4 TABLES
- 800092 SAUNDERS, DOROTHY CHAPMAN - 1968  
**VARIATIONS IN THROMBOCYTES AND SMALL LYMPHOCYTES FOUND IN THE CIRCULATING BLOOD OF MARINE FISHES**  
TRANS AMER MICROSC SOC  
87(1)39-43, 35 FIGS
- 800093 TEWARI, H B; RAJBANSHI, V K - 1968  
**HISTOCHEMICAL LOCALIZATION OF ALKALINE AND ACID PHOSPHATASES IN THE LATERAL LINE CANAL ORGANS OF A FRESHWATER TELEOST, SACCOBRANCHUS FOSSILIS**  
TRANS AMER MICROSC SOC  
87(1)43-53, 9 FIGS
- 800094 VAN DEN NIEUWENHUIZEN, AREND - 1968  
**DE ZWARTE OF ROUW TETRA**  
AQUARIUM (DEN HAAG)  
38(8)176-180, 8 FIGS
- 800095 BRANDES, C H; GÄNGEL, G; KOWALSKY, H - 1968  
**AUSWIRKUNGEN EINER SCHABENBEKÄMPFUNG AUF DEN TIERBESTAND EINER AQUARIUM UND TERRARIUM ABTEILUNG**  
Z ANGEW ZOOL  
55(1)71-100, 2 FIGS, 12 TABLES
- 800096 HICKLING, C F - 1968  
**FISH HYBRIDIZATION**  
FAO (FOOD AGR ORGAN UN) FISH REP  
44(4)1-11
- 800097 SOLDWEDEL, ROBERT H - 1968  
**BROOKBOWS**  
NJ OUTDOORS  
18(10)20, 1 FIG
- 800098 KENNEY, NATHANIEL T - 1968  
**SHARKS: WOLVES OF THE SEA**  
NAT GEOGR MAG  
113(2)222-257, 33 FIGS
- 800099 ZUKAL, RUDOLF - 1968  
**APISTOGRAMMA REITZIGI**  
TROPICAL FISH HOBBYIST  
16(8)12-13 + 15-17 + 19 + 21 + 24, 13 FISH
- 800100 BRITTAN, MARTIN R - 1968  
**COLONEL JOERGEN SCHEEL: A LOGICAL MAN**  
TROPICAL FISH HOBBYIST  
16(8)64-65, 69-70, 2 FIGS
- 800101 SCHULTZ, HARALD - 1968  
**SEARCH FOR THE REAL BLUE DISCUS SYMPHYSDON AEQUIFASCIATA HARALDI**  
TROPICAL FISH HOBBYIST  
16(7)4-9 + 11-13 + 15 + 37 + 40-41 + 44-45 + 48-49, 21 FIGS
- 800102 WILHELM, HERMANN - 1968  
**A NEW APHYOSEMION: BEAUFORTI**  
TROPICAL FISH HOBBYIST  
16(7)16-21, 11 FIGS
- 800103 BRITTAN, MARTIN R - 1968  
**HERMANN MEINKEN: A PIONEER**  
TROPICAL FISH HOBBYIST  
16(7)25-27 + 30, 3 FIGS
- 800104 SCHWARTZ, H W; LEVY, DANIEL - 1968  
**OSTEOGLOSSUM, THE AROWANA**  
TROPICAL FISH HOBBYIST  
16(7)84-90, 3 FIGS
- 800105 HAW, FRANK; BUCKLEY, RAYMOND M - 1968  
**THE ABILITY OF WASHINGTON ANGLERS TO IDENTIFY SOME COMMON MARINE FISHES**  
CALIF FISH GAME  
54(1)43-48, 1 FIG, 2 TABLES
- 800106 STRACHAN, ALEC R; TURNER, CHARLES H; MITCHELL, CHARLES T - 1968  
**TWO FISHES AND A MOLLUSK, NEW TO CALIFORNIA'S MARINE FAUNA WITH COMMENTS REGARDING OTHER RECENT ANOMALOUS OCCURRENCES**  
CALIF FISH GAME  
54(1)49-57, 4 FIGS, 2 TABLES
- 800107 ZUKAL, RUDOLF - 1968  
**A PHOTOGRAPHIC RECORD OF THE SPAWNING OF THE ROSY BARB, PUNTUS CONCHONIUS**  
TROPICAL FISH HOBBYIST  
16(6)4-8, 9 FIGS
- 800108 KERR, FREDERICK J - 1968  
**KEEPING AND SPAWNING THE RED-TAILED BLACK SHARK**  
TROPICAL FISH HOBBYIST  
16(6)92-93 + 95 + 98, 3 FIGS
- 800109 GERY, JACQUES - 1968  
**LADIGESIA ROLOFFI, A NEW GENUS AND SPECIES OF AFRICAN CHARACOID FISHES**  
TROPICAL FISH HOBBYIST  
16(8)78-87, 7 FIGS, 1 TABLE
- 800110 MAYLAND, HANS J - 1968  
**EXPERIENCES IN KEEPING DISCUS**

- AQUARIUM  
1(6)8-14 + 54-57, 13 FIGS
- 800111 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 5  
AQUARIUM  
1(6)36-37 + 60-68 + 70 + 72-74, 9 FIGS
- 800112 GILBERT, CLAIRE K; GILBERT, PERRY W - 1968  
RARE AND COMMON SHARKS OFF THE NEW YORK COAST  
CONSERVATIONIST  
22(4)21-26 + 36-37, 1 FIG, 1 TABLE
- 800113 HALSTEAD, BRUCE W - 1968  
POWERFUL POISONS IN MARINE ORGANISMS A FACTOR  
IN USING FOODS FROM SEA  
MARITIMES  
12(1)5-6 + 10
- 800114 WALKER, BRAZ - 1968  
THE MOUTH THAT ROARED  
AQUARIUM  
1(5)4-5 + 40-43, 8 FIGS
- 800115 WOOD, JOHN A - 1968  
A NEW MOLLY  
AQUARIUM  
1(5)6-7 + 44-46, 4 FIGS
- 800116 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 4  
AQUARIUM  
1(5)36-37 + 54-57 + 60-67, 5 FIGS
- 800117 LACORTE, ROSARIO S - 1968  
SPAWNING PSEUDOTROPHEUS AURATUS  
AQUARIUM  
1(4)8-9 + 39-43, 8 FIGS
- 800118 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 3  
AQUARIUM  
1(4)36-38 + 60 + 62-64 + 66, 3 FIGS
- 800119 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 2  
AQUARIUM  
1(3)44-48 + 50-52 + 54-57, 10 FIGS
- 800120 UNDERHILL, JAMES C; MOYLE, JOHN B - 1968  
THE FISHES OF MINNESOTA'S LAKE SUPERIOR REGION  
CONSERV VOLUNTEER  
31(177)29-53, 32 FIGS
- 800121 WEDEMEYER, GARY - 1968  
ROLE OF INTESTINAL MICROFLORA IN THE  
DEGRADATION OF DDT BY RAINBOW TROUT (SALMO  
GAIRDNERI)  
LIFE SCI  
7(3)PART 1 + 219-223, 2 TABLES
- 800122 DISLER, N N - 1968  
THE RECAPITULATION OF STRUCTURE AND BEHAVIOR OF  
ANCESTRAL FORMS IN THE ONTOGENESIS OF  
TRIGON-RAY  
ZH OBSHCH BIOL  
29(1)98-103
- 800123 KANGUR, A - 1968  
ON THE SEASONAL CHARACTER AND SPECIFIC  
PECULIARITIES OF THE ATP-ASE ACTIVITY OF THE  
MUSCULAR TISSUE OF FISHES  
EESTI NSV TEAD AKAD TOIM BIOL SEER  
17(1)44-54, 3 FIGS, 3 TABLES
- 800124 NEWMAN, BARBARA - 1968
- A RECIPE FOR BETTA SPAWNING  
AQUARIUM  
1(7)6-7 + 44-48, 9 FIGS
- 800125 FRANCO, PHILIP S - 1968  
A MOUTH BREEDING PELMATOCHROMIS  
AQUARIUM  
1(7)8-11 + 38-42, 14 FIGS
- 800126 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 6  
AQUARIUM  
1(7)36-37 + 52-57 + 60-65, 17 FIGS
- 800127 ZENKEVICH, L A; ZEVINA, G B - 1968  
REMODELLING OF THE CASPIAN SEA FAUNA  
PRIRODA (MOSKVA)  
(1)12-22, 35 FIGS, 6 TABLES
- 800128 GREENFIELD, DAVID W - 1968  
THE ZOOGEOGRAPHY OF MYRIPRISTIS PISCES  
HOLOCENTRIDAE  
SYST ZOOL  
17(1)76-87, 13 FIGS
- 800129 VADZIS, D I; DZENE, I; SLOKA, J - 1968  
FISH FEEDING IN LAKES WITH SWAMPY WATER SUPPLY  
EG LAKE PITEL  
IZV AKAD NAUK LATV SSR 1968  
(1)68-77, 1 FIG, 7 TABLES
- 800130 CROWE, WALTER R - 1968  
PROFILE OF AN INDUSTRY  
MICH CONSERV  
37(2)18-22, 8 FIGS
- 800131 REICHENBACH-KLINKE, H - 1968  
FISCHFAUNA UND FISCHEREI IN DER DEUTSCHEN DONAU  
ARCH HYDROBIOL  
3(1/2)12-23, 4 FIGS, 2 TABLES
- 800132 ANWAND, K - 1968  
ZU EINIGEN FRAGEN DER ZANDERWIRTSCHAFT  
DEUT FISCH ZTG  
15(1)3-22, 18 FIGS, 1 TABLE
- 800133 MERLA, GUNTER - 1968  
DIE NAHRTIERMENGEN BEI ZUFUTTERUNG DER KARPFFEN  
MIT HOCHWERTIGER PELLETIERTER FUTTERMISCHUNG IM  
VERSUCH 1966  
DEUT FISCH ZTG  
15(1)23-25, 2 FIGS
- 800134 GREIM, K H - 1968  
STICKSTOFFDUNGUNG EINE MOGLICHKEIT ZUR  
STEIGERUNG DER ERTRAGE IM L AUZUCHTJAHR DER  
KARPFFEN  
DEUT FISCH ZTG  
25-30, 4 FIGS, 3 TABLES
- 800135 DARNELL, REZNEAT M - 1968  
ANIMAL NUTRITION IN RELATION TO SECONDARY  
PRODUCTION  
AMER ZOOL  
8(1)83-93, 2 FIGS
- 800136 KRUEGER, HUGO M; SADDLER, JAMES B;  
CHAPMAN, GARY A; TINSLEY, IAN J; LOWRY, ROBERT  
R - 1968  
BIOENERGETICS EXERCISE AND FATTY ACIDS OF FISH  
AMER ZOOL  
8(1)119-129, 6 TABLES
- 800137 MINCKLEY, W L; DEACON, JAMES E - 1968  
SOUTHWESTERN FISHES AND THE ENIGMA OF  
'ENDANGERED SPECIES'  
SCIENCE  
159(3822)1424-1432, 3 FIGS, 2 TABLES

- 800138 - 800164
- 800138 OHARA, JAMES - 1968  
THE INFLUENCE OF WEIGHT AND TEMPERATURE ON THE  
METABOLIC RATE OF SUNFISH  
ECOLOGY  
49(1)159-161, 1 FIG, 1 TABLE
- 800139 PFEIFFER, WOLFGANG - 1968  
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REPTILIEN  
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SELECTION BY THE STRIPED MULLET MUGIL CEPHALUS  
LIMNOL OCEANOGR  
13(1)92-98, 3 FIGS
- 800141 MILLER, ROBERT VICTOR - 1968  
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(1)1-40, 5 FIGS, 9 TABLES
- 800142 EMERY, ALAN R - 1968  
A NEW SPECIES OF CHROMIS PISCES POMACENTRIDAE  
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COPEIA  
(1)49-55, 4 FIGS, 2 TABLES
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(1)56-63, 2 FIGS, 10 TABLES
- 800144 SWIFT, CAMM - 1968  
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PIT SAN PATRICIO COUNTY TEXAS  
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(1)63-69, 4 FIGS
- 800145 CHEN, TCHAW-REN; EBELING, A W - 1968  
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THE MOSQUITOFISH, GAMBUSIA AFFINIS  
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(1)70-75, 2 FIGS, 1 TABLE
- 800146 MOE, MARTIN A JR - 1968  
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SYMPHURUS DIOMEDIANUS, FROM THE GULF OF MEXICO  
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(1)172
- 800147 REED, ROGER J - 1968  
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DARTERS PISCES PERCIDAE IN THREE STREAMS OF  
NORTHWESTERN PENNSYLVANIA  
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(1)172-175, 3 TABLES
- 800148 ROSENBLATT, RICHARD H; HOESE, DOUGLASS F - 1968  
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PSEUDUPENEUS AND ITS BEARING ON THE GENERIC  
CLASSIFICATION OF THE MULLIDAE  
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(1)175-176, 1 FIG
- 800149 MCDOWALL, R M - 1968  
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CATADROMOUS TO THE SOUTHERN HEMISPHERE  
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(1)176-178
- 800150 TSAI, CHU-FA - 1968  
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(1)178-181, 1 FIG
- 800151 GOTSHALL, DANIEL W; FITCH, JOHN E - 1968  
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PACIFIC WITH NOTES ON ITS LIFE HISTORY  
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(1)181-183, 1 TABLE
- 800152 WRIGHT, THOMAS D - 1968  
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MISSISSIPPIENSIS AND WHITE BASS M. CHRYSOPS IN  
MADISON WISCONSIN LAKES  
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(1)183-185, 1 TABLE
- 800153 LAHIRI, S B - 1968  
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(1)185-187, 3 FIGS
- 800154 CHANG, RANDOLPH K C; MAGNUSON, JOHN J - 1968  
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BLADDER VOLUME OF FISH  
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(1)187-189, 2 FIGS
- 800155 COLLETTE, BRUCE B - 1968  
STRONGYLURA TIMUCU WALBAUM A VALID SPECIES OF  
WESTERN ATLANTIC NEEDLEFISH  
COPEIA  
(1)189-192, 1 FIG
- 800156 TODD, ERIC S - 1968  
TERRESTRIAL SOJOURNS OF THE LONGJAW MUDSUCKER  
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(1)192-194, 1 TABLE
- 800157 DALQUEST, WALTER W - 1968  
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(1)194-197, 1 FIG
- 800158 BARNETT, MICHAEL A; GIBBS, ROBERT H JR - 1968  
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FOR THE JAWFISH OPISTHOGNATHUS FASCIATUS CHAN  
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(1)198
- 800160 KUHN-SCHNYDER, E - 1968  
PRÄPARATION VON FOSSILIEN MIT DEM  
SANDSTRAHLAPPARAT  
UMSCH WISS TEC  
68(4)122, 2 FIGS
- 800161 NAKAMURA, EUGENE L - 1968  
VISUAL ACUITY OF TWO TUNAS KATSUWONUS PELAMIS  
AND EUTHYNNUS AFFINIS  
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(1)41-49, 4 FIGS, 2 TABLES
- 800162 DIJKGRAAF, S - 1968  
ELECTRORECEPTION IN THE CATFISH AMIURUS  
NEBULOSUS  
EXPERIENTIA  
24(2)187-188, 1 FIG
- 800163 RAHMANN, HINRICH - 1968  
SYNTHESEORT UND FERNTRANSPORT VON PROTEINEN IM  
FISCHHORN  
Z ZELLFORSCH  
86(2)214-237, 2 TABLES, 11 FIG
- 800164 SINGH, T P - 1968  
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ACTIVITY OF THYROID GLAND IN A TELEOST MYSTUS



- VITTATUS BLOCH  
EXPERIENTIA  
24(1)93-94, 1 FIG
- 800165 DIAMOND, J; HUXLEY, A F - 1968  
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LGLUTAMATE RECEPTORS ON GOLDFISH MAUTHNER  
NEURONES, AN ANALYSIS OF DENDRITIC REMOTE  
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194(3)669-723, 22 FIGS, 2 PLATES
- 800166 SPITZ, LESLIE M; BURNETT, JEAN B - 1968  
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DIFFERENT STAGES OF EMBRYONIC DEVELOPMENT  
J EMBRYOL EXP MORPHOL  
19(1)1-8, 2 TABLES, 1 PLATE
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CONSUMPTION OF BLUEGILL SUNFISH LEPOMIS  
MACROCHIRUS  
ASB (ASS SOUTHEAST BIOL) BULL  
15(2)36
- 800168 PAXTON, JOHN H - 1968  
THE UPTAKE AND METABOLISM OF TRIFLURALIN BY  
GOLDFISH CARASSIUS AURATUS LINN  
ASB (ASS SOUTHEAST BIOL) BULL  
15(2)49
- 800169 PIRONT, A; HAMOIR, G; CROKAERT, R - 1968  
PROTEINIC COMPOSITION OF THE LOW IONIC STRENGTH  
EXTRACTS TILAPIA MACROCHIR BOULENGER WHITE  
MUSCLES  
ARCH INT PHYSIOL BIOCHEM  
76(1)1-25, 13 FIGS, 3 TABLES
- 800170 RAO, V VISWESWARA - 1968  
A NEW GOBID FISH FROM VISAKHAPATNAM  
J NATUR HIST  
2(1)17-20, 3 FIGS
- 800171 SMITH, J L B - 1968  
A NEW LIPARINE FISH FROM THE RED SEA  
J NATUR HIST  
2(1)105-109, 3 FIGS, 2 TABLES
- 800172 ABOUSSOUAN, A - 1968  
OEUF ET LARVES DE TELEOSTEENS DE LOUEST  
AFRICAIN VILARVES DE CHLOROSCOMBRUS CHRYSURUS  
LINNE ET DE BLEPHARIS CRINITUS MITCHILL  
CARANGIDAE  
BULL INST FOND AFR NOIRE  
30(1)226-237, 13 FIGS
- 800173 BLANC, M; CADENAT, J; STAUCH, A - 1968  
CONTRIBUTION A L'ETUDE DE L'ICHTHYOFAUNE DE L'ILE  
ANNOBON  
BULL INST FOND AFR NOIRE  
30(1)238-256, 6 FIGS
- 800174 PETR, T - 1968  
THE ESTABLISHMENT OF LACUSTRINE FISH POPULATION  
IN THE VOLTA LAKE IN GHANA DURING 1964-1966  
BULL INST FOND AFR NOIRE  
30(1)257-269, 6 FIGS
- 800175 SWAN, HENRY; JENKINS, DALTON; KNOX, KERWIN  
1968  
ANTIMETABOLIC EXTRACT FROM THE BRAIN OF  
PROTOPTERUS AETHIOPICUS  
NATURE (LONDON)  
217(5129)671, 1 FIG
- 800176 BLAXTER, J H S - 1968  
REARING HERRING LARVAE TO METAMORPHOSIS AND  
BEYOND  
J MAR BIOL ASS UK  
48(1)17-28, 6 FIGS, 2 TABLES
- 800177 WOODHEAD, P M J - 1968  
SEASONAL CHANGES IN THE CALCIUM CONTENT  
OF THE BLOOD OF ARCTIC COD  
J MAR BIOL ASS UK  
48(1)81-91, 1 FIG, 4 TABLES, 2 PLATES
- 800178 WOODHEAD, P M J; PLACK, P A - 1968  
ON LEVELS OF CALCIUM AND OF VITAMIN A ALDEHYDE  
IN THE BLOOD OF ARCTIC COD  
J MAR BIOL ASS UK  
48(1)93-96, 1 FIG
- 800179 MCINTYRE, A D; ELEFTHERIOU, A - 1968  
THE BOTTOM FAUNA OF A FLATFISH NURSERY GROUND  
J MAR BIOL ASS UK  
48(1)113-142, 9 FIGS, 16 TABLES
- 800180 KLOSE, J; WOLF, ULRICH; HITZEROTH, H; RITTER,  
H; ATKIN, NIELS B; OHNO, SUSUMU - 1968  
DUPLICATION OF THE LDH GENE LOCI BY  
POLYPOIDIZATION IN THE FISH ORDER CLUPEIFORMES  
HUMANGENETIK  
5(3)190-196, 1 FIG, 1 TABLE
- 800181 KERR, T - 1968  
THE PITUITARY IN POLYPTERINES AND ITS  
RELATIONSHIP TO OTHER FISH PITUITARIES  
J MORPHOL  
124(1)23-35, 1 TABLE, 4 PLATES
- 800182 OLSEN, STEEN; ERICSSON, JAN L E - 1968  
ULTRASTRUCTURE OF THE TUBULE OF THE AGLOMERULAR  
TELEOST NEROPHIS OPHIDIUM  
Z ZELLFORSCH  
87(1)17-30, 12 FIGS
- 800183 LEGGETT, RAY - 1968  
CROSSBREEDING THE BARBS  
AQUARIST AND PONDKPR  
(APRIL)360, 1 FIG
- 800184 MERCKENS, P J - 1968  
BETTA SPLENDENS REGAN 1909  
AQUARIUM (DEN HAAG)  
38(9)194-199, 7 FIGS
- 800185 VANBERG, W - 1968  
PLEZIER MET CICHLIDEN DEEL 2 CICHLASOMA MEEKI  
AQUARIUM (DEN HAAG)  
38(9)207-211, 4 FIGS
- 800186 DRURY, D E; EALES, J G - 1968  
THE INFLUENCE OF TEMPERATURE ON HISTOLOGICAL  
AND RADIOCHEMICAL MEASUREMENTS OF THYROID  
ACTIVITY IN THE EASTERN BROOK TROUT SALVELINUS  
FONTINALIS MITCHELL  
CAN J ZOOL  
46(1)1-9, 5 FIGS, 2 TABLES
- 800187 AUBERT, X; KEYNES, RICHARD D - 1968  
THE TEMPERATURE CHANGES DURING AND AFTER THE  
DISCHARGE OF THE ELECTRIC ORGAN IN  
ELECTROPHORUS ELECTRICUS  
PROC ROY SOC SER B BIOL SCI  
169(1016)241-263, 12 FIGS, 1 TABLE
- 800188 KEYNES, RICHARD D - 1968  
THE TEMPERATURE CHANGES DURING AND AFTER THE  
DISCHARGE OF THE ELECTRIC ORGAN IN MALAPTERURUS  
ELECTRICUS  
PROC ROY SOC SER B BIOL SCI  
169(1016)265-274, 8 FIGS, 1 TABLE
- 800189 FAHN, STANLEY; KOVAL, GEORGE J; ALBERS, R WAYNE  
1968  
SODIUM POTASSIUM ACTIVATED ADENOSINE  
TRIPHOSPHATASE OF ELECTROPHORUS ELECTRIC ORGAN  
J BIOL CHEM  
243(8)1993-2002, 7 FIGS, 16 TABLES
- 800190 ANONYMOUS - 1968

- 800191 - 800216
- EINE SENSATIONELLE ENTDECKUNG DIE DOKTORSCHMERLE**  
AQUARIEN MAG  
(4)136, 1 FIG
- 800191 PAFFRATH, KURT - 1968  
**SIE PUTZT UND PUTZT UND PUTZT...DIE GRUNFLOSSIGE RUSSELBARBE EPALZEORHYNCHUS SIAMENSIS**  
AQUARIEN MAG  
(4)153-155, 7 FIGS
- 800192 FIEDLER, KURT - 1968  
**HIER BEKOMMT DER MANN DIE KINDER DIE FORTPFLANZUNGSBIOLOGIE DER SEEPFERDCHEN**  
AQUARIEN MAG  
(4)156-160, 2 FIGS
- 800193 ZUKAL, RUDA - 1968  
**DER MARMORGURAMI EIN PFLEGUNG FÜR ANFÄNGER UND FORTGESCHRITTENE TRICHOASTER TRICHOPTERUS SUMATRANUS 'COSBY'**  
AQUARIEN MAG  
(4)172-173, 5 FIGS
- 800194 GORDON, WILLIAM G - 1968  
**THE BAIT MINNOW INDUSTRY OF THE GREAT LAKES**  
US FISH WILDLIFE SERV FISH LEAFLET NO 608  
FEB, CONTENTS + 6 PP, 10 FIGS
- 800195 KREFFT, G - 1968  
**NEUE UND ERSTMALIG NACHGEWIESENE KNORPELFISCHE AUS DEM ARCHIBENTHAL DES SÜDWESTATLANTIKS EINSCHLIESSLICH EINER DISKUSSION EINIGER ETMOPTERUSARTEN SÜDLICHER MEERE**  
ARCH FISCHEREIWISS  
19(1)1-42, 18 FIGS, 8 TABLES, 1 STATIONS LIST
- 800196 BANARESCU, PETRU - 1968  
**ÜBER DAS VORKOMMEN VON HYBRIDEN ZWISCHEN ALBURNUS ALBURNUS UND ABRAMIS BRAMA PISCES CYPRINIDAE IM DONAUBECKEN**  
ARCH FISCHEREIWISS  
19(1)43-45, 1 FIG
- 800197 HASS, H - 1968  
**UNTERSUCHUNGEN ÜBER DIE VERTIKALE UND HORIZONTALE VERTEILUNG DER EIER DER FINTE ALOSA FALLAX LACEPEDE 1803 IN DER ELBE**  
ARCH FISCHEREIWISS  
19(1)46-55, 6 FIGS, 3 TABLES
- 800198 REINSCH, H H - 1968  
**FUND VON FLUSSALEN ANGUILLA ANGUILLA L IM NORDATLANTIK**  
ARCH FISCHEREIWISS  
19(1)62-63
- 800199 PARTMANN, W - 1968  
**ZUR FEINSTRUKTUR DER FISCHMUSKULATUR**  
ARCH FISCHEREIWISS  
19(1)64-77, 12 FIGS
- 800200 HALSBAND, EGON; HALSBAND, I - 1968  
**EINE APPARATUR ZUR MESSUNG DER STOFFWECHSELINTENSITÄT VON FISCHEN UND FISCHNAHRTERN**  
ARCH FISCHEREIWISS  
19(1)78-82, 3 FIGS
- 800201 VAN DER VLUGT, P J - 1968  
**CARINOTETRAODON SOMPHONGSI**  
AQUARIUM (DEN HAAG)  
38(10)218-224, 7 FIGS
- 800202 BALON, EUGENIUSZ K - 1968  
**NOTES TO THE ORIGIN AND EVOLUTION OF TROUTS AND SALMONS WITH SPECIAL REFERENCE TO THE DANUBIAN TROUTS**  
VESTN CISK SPOLECNOSTI ZOO  
32(1)1-21, 4 FIGS, 2 TABLES
- 800203 OLIVA, OTA; VLASTISLAV, SKOREPA - 1968  
**THE MYODOME IN CARP CYPRINUS CARPIO LINNAEUS AND RAPFEN ASPIUS ASPIUS LINNAEUS**  
VESTN CISK SPOLECNOSTI ZOO  
32(1)39-45, 4 FIGS
- 800204 CABEJSEK, MILAN; FRANK, STANISLAV - 1968  
**A CONTRIBUTION TO THE GROWTH OF ROACH RUTILUS RUTILUS LINNAEUS IN SOME WATERS OF CZECHOSLOVAKIA**  
VESTN CISK SPOLECNOSTI ZOO  
32(1)22-33, 9 TABLES
- 800205 OPRAVILOVA, VERA - 1968  
**ZUR KENNNTNIS DES ENTWICKLUNGSZYKLUS VON HOLOSTEPHANUS COBITIDIS SP N TREMATODA CYATHOCOTYLIDAE**  
VESTN CISK SPOLECNOSTI ZOO  
32(1)46-65, 6 FIGS, 6 TABLES
- 800206 SUTTON, A H - 1968  
**THE RELATIONSHIP BETWEEN ION AND WATER CONTENTS OF COD GADUS MORHUA L MUSCLE**  
COMP BIOCHEM PHYSIOL  
24(1)149-161, 10 FIGS, 1 TABLE
- 800207 LAUTER, CARL J; BROWN, ELISE ANN BRANDENBURGER; TRAMS, EBERHARD G - 1968  
**COMPOSITION OF PLASMA LIPOPROTEINS OF THE SPINY DOGFISH SQUALUS ACANTHIAS**  
COMP BIOCHEM PHYSIOL  
24(1)243-247, 2 TABLES
- 800208 SOMLYO, AVRIL V; SOMLYO, ANDREW P - 1968  
**VASOTOCINMAGNESIUM INTERACTION IN VASCULAR SMOOTH MUSCLE OF THE HAGFISH EPTATRETUS STOUTII**  
COMP BIOCHEM PHYSIOL  
24(1)267-270, 2 FIGS
- 800209 BANDURSKI, ROBERT S; BRADSTREET, EDDA; SCHOLANDER, P F - 1968  
**METABOLIC CHANGES IN THE MUDSKIPPER DURING ASPHYXIA OR EXERCISE**  
COMP BIOCHEM PHYSIOL  
24(1)271-274, 2 TABLES
- 800210 PECHERE, J F - 1968  
**MUSCULAR PARVALBUMINS AS HOMOLOGOUS PROTEINS**  
COMP BIOCHEM PHYSIOL  
24(1)289-295, 1 FIG, 2 TABLES
- 800211 CASOLA, LUIGI; AGRANOFF, BERNARD W - 1968  
**RELEASE OF RNA FROM GOLDFISH BRAIN NUCLEI BY SODIUM DODECYL SULFATE**  
BIOCHEM BIOPHYS RES COMMUN  
30(3)262-266, 3 FIGS
- 800212 BELLOMY, MILDRED D - 1968  
**THE SEA HORSE**  
PAC DISCOVERY  
21(3)18-22, 7 FIGS
- 800213 CHAVIN, WALTER; CUKROWSKI, CHRISTINE A - 1968  
**EFFECTS OF IODINE 131 ON THYROID AND PITUITARY OF THE GOLDFISH CARASSIUS AURATUS L**  
RADIAT RES  
34(1)170-199, 19 FIGS, 9 TABLES
- 800214 CASTEX, MARIANO N - 1968  
**ELIPESURUS SCHOMBURGK 1843 PISCES PROPOSED SUPPRESSION UNDER THE PLENARY POWERS ZN S 1825**  
BULL ZOOLOM NOMENCL  
24(6)353-355
- 800215 WILLOUGHBY, L G - 1968  
**ATLANTIC SALMON DISEASE FUNGUS**  
NATURE  
217(5131)872-873, 5 FIGS
- 800216 DICK, M, W. - 1968  
**SAPROLEGNIA PARASITICA COKER IN ESTUARIES**

- NATURE  
217(5131)875
- 800217 NEGISHI, K - 1968  
EXCITATION SPREAD ALONG HORIZONTAL AND AMACRINE  
CELL LAYERS IN THE TELEOST RETINA  
NATURE  
218(5136)39-40 + 69, 1 FIG
- 800218 RICE, DALE W - 1968  
STOMACH CONTENTS AND FEEDING BEHAVIOR OF KILLER  
WHALES IN THE EASTERN NORTH PACIFIC  
NORSK HVALFANGST-TID  
57(2)35-38, 1 TABLE
- 800219 LULING, K H - 1968  
ZUSAMMENTREFFEN MIT DIANEMA LONGIBARBIS IN  
OSTPERU  
AQUA TERRA  
5(4)25-28, 4 FIGS
- 800220 HESSE, ULRICH - 1968  
DER FLUGELFLOSSER AUSTROFUNDULUS DOLICHOPTERUS  
WEITZMANN & WOURMS  
AQUARIEN TERRARIEN Z  
21(4)98-100, 1 FIG
- 800221 PAULO, JOCHEN - 1968  
STEATOCRANUS, DER BUCKELKOPF  
AQUARIEN TERRARIEN Z  
21(4)100-103, 2 FIGS
- 800222 RICHTER, HANS JOACHIM - 1968  
DER KUSSENDE GURAMI, HELOSTOMA TEMMINCKII  
(CUVIER AND VALENCIENNES 1831)  
AQUARIEN TERRARIEN Z  
21(4)103-107, 1 FIG
- 800223 MEINKEN, HERMANN - 1968  
NOCHMAL'S 'APISTOGRAMMA RAMIREZI IST DOCH  
VENEZOLANER'  
AQUARIEN TERRARIEN Z  
21(4)107-109, 1 FIG
- 800224 DE GRAAF, FRANK - 1968  
PUTZSYMBIOSE  
AQUARIEN TERRARIEN Z  
21(4)111-115, 6 FIGS
- 800225 GRAHAME, ARTHUR - 1968  
DOOM FOR THE SALMON?  
OUTDOOR LIFE  
141(4)45-47 + 96-98, 9 FIGS
- 800226 WEISS, WERNER - 1968  
EIN VETERAN IN UNSEREN BECKEN, DER MAKROPODE  
AQUARIEN MAG  
(3)108-111, 4 FIGS
- 800227 ZANKERT, ADOLF - 1968  
DER RATSELHAFTE UNTERMETER, NADELFISCHE WOHNEN  
IN SEEWÄLZEN UND PERLMUSCHELN  
AQUARIEN MAG  
(3)115-117, 5 FIGS
- 800228 ZUKAL, RUDA - 1968  
DER GOLDENE DANIO AUS DER GOLDENEN STADT, DER  
BRACHYDANIO FRANKI  
AQUARIEN MAG  
(3)120-123, 9 FIGS
- 800229 ASWERUS, BERND M - 1968  
DIE GESCHICHTE VON ADAM UND EVA EINMAL ANDERS  
AQUARIEN MAG  
(3)124-125, 7 FIGS
- 800230 VANDEPITTE, ERIC - 1968  
EIN TORPEDO AUS MADAGASKAR. DIE PFLEGE UND  
ZUCHT DES ROTGESCHWANTZEN AHRENFISCHE (BEDOTIA
- GEAYI)  
AQUARIEN MAG  
(3)128-129, 2 FIGS
- 800231 MARICIC, SINISA; RUMEN, NEVENKA M. - 1968  
PROTEIN MAGNETIC RELAXATION IN SOLUTION OF  
LAMPREY (PETROMYZON MARINUS) HEMOGLOBINS  
BIOCHIM BIOPHYS ACTA  
154(3)496-500, 2 FIGS, 1 TABLE
- 800232 HECKER, GOTTFRIED - 1968  
WIEDER EIN GANZ NEUER, PELMATOCHROMIS THOMASI  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(2)44-45
- 800233 KRIETSCH, PETER - 1968  
EINE ICHTHYOLOGISCHE KOSTBARKEIT PROTOPTERUS  
AMPHIBIUS (PETERS 1844)  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(2)56-60, 4 FIGS
- 800234 MEINKEN, HERMANN - 1968  
ZAG CICHLIDEN, PELMATOCHROMIS TAENIATUS  
BOULENGER 1901, EIN UNTERSUCHUNGSBEFUND  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(2)62-63, 2 FIGS, 2 TABLES
- 800235 RUDEBERG, CLAES - 1968  
RECEPTOR CELLS IN THE PINEAL ORGAN OF THE  
DOGFISH SCYLIORHINUS CANICULA LINNE  
Z ZELLFORSCH  
85(4)521-526
- 800236 MOUNIB, M S; EISAN, J S - 1968  
URICOLYTIC ENZYMES IN COD SPERM  
CAN J PHYSIOL PHARMACOL  
46(2)283-284, 1 TABLE
- 800237 ZUKAL, RUDA - 1968  
SO LAICHT CICHLASOMA MEEKI  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(3)92-93, 6 FIGS
- 800238 LERCH, KURT - 1968  
GERUCHSORGAN DER FISCHE  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(3)94-97, 14 FIGS
- 800239 WIEFEL, GERHARD; HEIDRICH, SIEGFRIED;  
BECH, REINHOLD - 1968  
EIN NEUER APHYOSEMION AUS GUINEA  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(3)90-93, 3 FIGS, 1 TABLE
- 800240 COBB, BRYANT F. III; CARTER, LUCY;  
KOENIG, VIRGIL L - 1968  
THE DISTRIBUTION OF THE SOLUBLE PROTEIN  
COMPONENTS IN THE CRYSTALLINE LENSES OF FISHES  
COMP BIOCHEM PHYSIOL  
24(3)817-826, 6 FIGS, 3 TABLES
- 800241 JANSSENS, PETER A; COHEN, PHILIP P - 1968  
NITROGEN METABOLISM IN THE AFRICAN LUNGFISH  
COMP BIOCHEM PHYSIOL  
24(3)879-886, 3 FIGS, 2 TABLES
- 800242 JANSSENS, PETER A; COHEN, PHILIP P - 1968  
BIOSYNTHESIS OF UREA IN THE ESTIVATING AFRICAN  
LUNGFISH AND IN XENOPUS LAEVIS UNDER CONDITIONS  
OF WATER-SHORTAGE  
COMP BIOCHEM PHYSIOL  
24(3)887-898, 4 FIGS, 5 TABLES
- 800243 TERNER, CHARLES - 1968  
STUDIES OF METABOLISM IN EMBRYONIC

800244 - 800258	DEVELOPMENT-I, THE OXIDATIVE METABOLISM OF UNFERTILIZED AND EMBRYONATED EGGS OF THE RAINBOW TROUT COMP BIOCHEM PHYSIOL 24(3)933-940, 4 TABLES	800256	ANGELOVIC, JOSEPH W; WHITE, JOHN C JR; DAVIS, EDNA M - 1968 INTERACTIONS OF IONIZING RADIATION, SALINITY AND TEMPERATURE ON THE ESTUARINE FISH, FUNDULUS HETEROCILITUS U S FISH WILDLIFE SERV CIRC (289)35-41, 5 FIGS, 4 TABLES
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800245	BOWMAKER, A P - 1968 SOME UPPER CONGO FISH WHICH OFFER A MEANS OF BIOLOGICAL CONTROL OF THE SNAIL VECTORS OF BILHARZIASIS PROC TRANS RHODESIA SCI ASS 52(2)28-37, 5 FIGS, 1 TABLE	800258	CONTE, FRANK P; MORITA, TOSHIKO N - 1968 IMMUNOCHEMICAL STUDY OF CELL DIFFERENTIATION IN GILL EPITHELIUM OF EURYHALINE ONCORHYNCHUS (WALBAUM) COMP BIOCHEM PHYSIOL 24(2)445-454, 6 FIGS, 3 TABLES
800246	COOPER, ALLAN - 1968 THE BURBOT ANIMALS 10(10)444-447, 2 FIGS	800259	GREENBERG, SYLVIA S; KOPAC, M J - 1968 ELECTROPHORETIC ANALYSIS OF SPECIES RELATIONSHIPS IN THE GENUS XIPHOPHORUS COMP BIOCHEM PHYSIOL 471-477, 12 FIGS
800247	YAMAMOTO, M - 1968 FISH MUSCLE GLYCOGEN PHOSPHORYLASE CAN J BIOCHEM 423-432, 10 FIGS, 2 TABLES	800260	DOYLE, J - 1968 THE LORENZAN SULPHATES, A COMPARATIVE STUDY COMP BIOCHEM PHYSIOL 24(2)479-485, 3 FIGS, 1 TABLE
800248	MORIARTY, C - 1968 MOVEMENTS OF SALMON AROUND IRELAND, X. FROM THE NORTH MAYO COAST (1962-1964) PROC ROY IRISH ACAD SECT B BIOL GEOL CHEM SCI 66:1-7, 1 FIG, 2 TABLES	800261	EDELHAUSER, HENRY F - 1968 SODIUM AND WATER PERMEABILITY OF SALT-WATER FISH CORNEAS COMP BIOCHEM PHYSIOL 24(2)665-667, 1 TABLE
800249	MC ALLISTER, D E - 1968 MANDIBULAR PORE PATTERN IN THE SCULPIN FAMILY COTTIDAE NAT MUS CAN BULL (223)58-69, 1 FIG, 2 TABLES	800262	READ, LAWRENCE J - 1968 ORNITHINE-UREA CYCLE ENZYMES IN EARLY EMBRYOS OF THE DOGFISH SQUALUS SUCKLEYI AND THE SKATE RAJA BINOCULATA COMP BIOCHEM PHYSIOL 24(2)669-674, 3 FIGS, 2 TABLES
800250	LUKJANENKO, V I; POPOV, A V; SEDOV, S I; MISHIN, E A - 1968 ON THE SPECIES SPECIFICITY OF SERUM PROTEINOGRAMS IN ACIPENSERIDAE ZOOLOG ZH 47(3)401-406, 4 FIGS	800263	GAIDAI, ALEXANDER - 1968 LAKE BAIKAL ANIMALS 10(12)540-543, 6 FIGS
800251	TEREKHOV, P A - 1968 A CONTRIBUTION TO THE ECOLOGY OF THE COMMON FISH LEECH (PISCICOLA GEOMETRA) IN THE KUBAN ESTUARIES ZOOLOG ZH 47(3)463-466	800264	GOSLINE, WILLIAM A - 1968 CONSIDERATIONS REGARDING THE EVOLUTION OF HAWAIIAN ANIMALS PAC SCI 22(2)267-273, 2 FIGS
800252	PAJUSOVA, A N; NEFEDOV, G N - 1968 ANALYSIS OF THERMOSTABILITY OF THE ISOLATED MUSCLE TISSUE OF THE BARENTS SEA REDFISH TZITOLOGIJA 10(1)133-137, 2 FIGS, 1 TABLE	800265	GREENWOOD, P H - 1968 NOTES ON THE VISCERAL ANATOMY OF DENTICEPS CLUPEOIDES CLAUSEN, 1959, A WEST AFRICAN CLUPEOMORPH FISH REV ZOOLOG BOT AFR 77(1/2)1-10, 5 FIGS
800253	FEDJAKHINA, R F - 1968 CHANGES IN VITAL DYE SORPTION BY NERVE AND MUSCLE TISSUES OF TRACHURUS IN THE SPAWNING PERIOD TZITOLOGIJA 10(1)137-141, 3 FIGS	800266	MONFORT, A; RUWET, J CL - 1968 PATRONS MOTEURS ET MOUVEMENTS D'EXPRESSION CHEZ LES TILAPIA RENDALLI(BOULENGER 1896) ET THOLLONI CONGICA POLL ET THYS 1960 (POISSONS CICHLIDES) REV ZOOLOG BOT AFR 77(1/2)97-112
800254	SMITH, ALBERT CARL - 1968 HEMOLYSIN PRODUCING IMMUNOCYTES IN OPSANUS TAU AND OTHER TELEOSTS U S FISH WILDLIFE SERV CIRC (289)7	800267	SCHWARTZ, FRANK J - 1968 THE SUNNIES MD CONSERV 45(2)4-8, 2 FIGS, 1 TABLE
800255	BAPTIST, JOHN P; LEWIS, CURTIS W - 1968 TRANSFER OF ZINC 65 AND CHROMIUM 51 THROUGH AN ESTUARINE FOOD CHAIN U S FISH WILDLIFE SERV CIRC (289)22-29, 5 FIGS, 4 TABLES	800268	GAUBERT, HENRI - 1968 LES POISSONS CHIRURGIENS BETES ET NATURE (50)46-47, 2 FIGS

- 800269 BAUER, JORG - 1968  
VERGLEICHENDE UNTERSUCHUNGEN ZUM  
KONTAKTVERHALTEN VERSCHIEDENER ARTEN DER  
GATTUNG TILAPIA (CICHLIDAE, PISCES) UND IHRER  
BASTARDE  
Z TIERPSYCHOL  
25(1)22-70, 24 FIGS
- 800270 GIDEIRI, ABU; BABIKER, YOUSIF - 1968  
OBSERVATIONS ON THE BEHAVIOUR OF THE DEVELOPING  
ZOARCES VIVIPARUS (ZOARCIDAE)  
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31(1)60-64, 1 TABLE
- 800271 RICHTER, HANS JOACHIM - 1968  
HALTUNG UND ZUCHT DES KUSSENDEN GURAMI  
-HELOSTOMA TEMMINCKII  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(1)6-9, 3 FIGS
- 800273 MULLER, HERMANN - 1968  
ETHOLOGISCHE BEOBSACHTUNGEN AM  
PAARUNGSVERHALTEN  
VON HEMIGRAMMUS HYANUARY  
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TERRARIEN  
15(1)29
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2(12)491-492, 1 FIG
- 800275 EBBESSON, SVEN O E; RAMSEY, JOHN S - 1968  
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BRAIN RES  
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CYATHOCOTYLIDAE)  
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- 800283 DAWSON, C E - 1968  
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MICRODESMIDAE)  
AMER PHIL SOC YEARB 1967, 1968  
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- 800284 UDALL, STEWART L - 1968  
COMEBACK FOR THE WILLAMETTE RIVER  
NAT PARKS MAG  
42(246)4-8, 4 FIGS
- 800285 DEAKIN, ALBERT - 1968  
DIE ZUCHT VON LABEO BICOLOR, DEM FEUERSCHWANZ  
AQUARIEN TERRARIEN Z  
21(3)72-73, 1 FIG
- 800286 SINGH, T P - 1968  
SEASONAL CHANGES IN RADIOIODINE UPTAKE AND  
EPITHELIAL CELL HEIGHT OF THE THYROID GLAND IN  
THE FRESHWATER TELEOSTS ESOMUS DANRICUS (HAM)  
AND MYSTUS VITTATUS (BLOCH) UNDER VARYING  
CONDITIONS OF ILLUMINATION  
Z ZELLFORSCH  
87(3)422-428, 2 FIGS, 2 TABLES
- 800287 SMITH, M W; COLOMBO, V E; MUNN, E A - 1968  
INFLUENCE OF TEMPERATURE ACCLIMATIZATION ON THE  
IONIC ACTIVATION OF GOLDFISH INTESTINAL  
ADENOSINE TRIPHOSPHATASE  
BIOCHEM J  
107(5)691-698, 6 FIGS
- 800288 RASTOGI, RAKESH K - 1968  
ANNUAL CHANGES IN THE TESTICULAR ACTIVITY OF  
THE TELEOST, AMPHIPNOUS CUCHIA (HAM)  
ANNOT ZOOL JAP  
41(1)11-23, 11 FIGS, 2 TABLES
- 800289 TAGUCHI, SHIGETOSHI - 1968  
PROTECTIVE ACTION OF 2, 4-DINITROPHENOL AGAINST  
GAMMA IRRADIATION IN TELEOST EMBRYOS  
ANNOT ZOOL JAP  
41(1)36-41, 2 FIGS, 4 TABLES
- 800290 KULSHRESHTHA, S D - 1968  
A NEW SENSE ORGAN IN BUCCAL CAVITY AND TONGUE  
OF THE FISH NOTOPTERUS NOTOPTERUS  
SCI CULT  
33(12)541-542, 1 FIG
- 800291 MORRILL, LEN - 1968  
UND NOCHMAL FEUERSCHWANZ-ZUCHT  
AQUARIEN TERRARIEN Z  
21(3)73
- 800292 HENRIKSON, RAY C; MATOLTSY, A GEDEON - 1968  
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INTRODUCTION AND FILAMENT-CONTAINING CELLS  
J ULTRASTRUCT RES  
21(3/4)194-212, 11 FIGS
- 800293 HENRIKSON, RAY C; MATOLTSY, A GEDEON - 1968  
THE FINE STRUCTURE OF TELEOST EPIDERMIS, II,  
MUCOUS CELLS  
J ULTRASTRUCT RES  
21(3/4)213-221, 6 FIGS
- 800294 HENRIKSON, RAY C; MATOLTSY, A GEDEON - 1968  
THE FINE STRUCTURE OF TELEOST EPIDERMIS, III,  
CLUB CELLS AND OTHER CELL TYPES  
J ULTRASTRUCT RES  
21(3/4)222-232, 6 FIGS
- 800295 VAN DER LANDE, VIRGINIA M - 1968  
ESTERASE ACTIVITY IN CERTAIN GLANDS OF LEECHES  
(ANNELIDA, HIRUDINEA)  
COMP BIOCHEM PHYSIOL  
25(2)447-456, 5 FIGS, 4 TABLES
- 800296 ROOTS, BETTY J - 1968  
PHOSPHOLIPIDS OF GOLDFISH (CARASSIUS AURATUS L)

- BRAIN, THE INFLUENCE OF ENVIRONMENTAL TEMPERATURE**  
COMP BIOCHEM PHYSIOL  
25(2)457-466, 3 TABLES
- 800297** SOLOMON, K; ALLANSON, B R - 1968  
**THE EFFECTS OF EXPOSURE TO LOW TEMPERATURES ON THE SERUM PROTEIN OF TILAPIA MOSSAMBICA PETERS**  
COMP BIOCHEM PHYSIOL  
25(2)485-492, 6 FIGS
- 800298** HOUSTON, A H; REAVES, ROBERT S; MADDEN, JANE A; DEWILDE, MARY ANNE - 1968  
**ENVIRONMENTAL TEMPERATURE AND THE BODY FLUID SYSTEM OF THE FRESH-WATER TELEOST-I, IONIC REGULATION IN THERMALLY ACCLIMATED RAINBOW TROUT, SALMO GAIARDNERI**  
COMP BIOCHEM PHYSIOL  
25(2)563-581, 4 FIGS, 2 TABLES
- 800299** STEVENS, E DON - 1968  
**THE EFFECT OF EXERCISE ON THE DISTRIBUTION OF BLOOD TO VARIOUS ORGANS IN RAINBOW TROUT**  
COMP BIOCHEM PHYSIOL  
25(2)615-625, 2 FIGS, 5 TABLES
- 800300** MOUNIB, M S; EISAN, J S - 1968  
**CARBON DIOXIDE FIXATION BY SPERMATOOA OF COD**  
COMP BIOCHEM PHYSIOL  
25(2)703-709, 5 TABLES
- 800301** HUDSON, RICHARD C L - 1968  
**A RINGER SOLUTION FOR COTTUS (TELEOST) FAST MUSCLE FIBRES**  
COMP BIOCHEM PHYSIOL  
25(2)719-725, 2 FIGS, 4 TABLES
- 800302** EVANS, DAVID H - 1968  
**MEASUREMENT OF DRINKING RATES IN FISH**  
COMP BIOCHEM PHYSIOL  
25(2)751-753
- 800303** ARME, C; OWEN, R WYNNE - 1968  
**OCCURRENCE AND PATHOLOGY OF LIGULA INTESTINALIS INFECTIONS IN BRITISH FISHES**  
J PARASITOL  
54(2)272-280, 4 FIGS, 4 TABLES
- 800304** SMITH, R JAY - 1968  
**ANCYLID SNAILS AS FIRST INTERMEDIATE HOSTS OF LISSORCHIS MUTABILE COMB N (TREMATODA, LISSORCHIIDAE)**  
J PARASITOL  
54(2)283-285
- 800305** ROGERS, WILMER A - 1968  
**PSEUDACOLPENTERON PAVLOVSKYI BYCHOWSKY AND GUSSEV, 1955 (MONOGENEA), FROM NORTH AMERICA, WITH NOTES ON ITS TAXONOMIC STATUS**  
J PARASITOL  
54(2)339
- 800306** MEADE, THOMAS G; HARVEY, JOHN S JR - 1968  
**NEW RECORD OF NUMBERS AND SITES OF INFECTION IN FISHES BY THE ACANTHOCEPHALAN, EOCOLLIS ARCANUS VAN CLEAVE**  
J PARASITOL  
54(2)371
- 800307** LAALE, HANS W; MC CALLION, DAVID J - 1968  
**REVERSIBLE DEVELOPMENTAL ARREST IN THE EMBRYO OF THE ZEBRAFISH, BRACHYDANIO RERIO**  
J EXP ZOO  
167(1)117-127, 1 FIG, 3 TABLES
- 800308** SQUIRES, W AUSTIN; GORHAM, STANLEY W - 1968  
**SILVERSIDE, MENIDIA MENIDIA, AND NORTHERN PIPEFISH, SYNGNATHUS FUSCUS, IN THE ST JOHN RIVER, N B CAN FIELD-NATUR**  
81(4)280
- 800309** KEYNES, RICHARD D - 1968  
**THE THERMODYNAMICS OF NERVE AND ELECTRIC ORGAN**  
J GEN PHYSIOL  
51(5)221S-225S
- 800310** FIERSTINE, HARRY L; APPELEGATE, SHELTON P - 1968  
**BILFISH REMAINS FROM SOUTHERN CALIFORNIA WITH REMARKS ON THE IMPORTANCE OF THE PREDETERMINED BONE**  
S CALIF ACAD SCI BULL  
67(1)29-39, 2 FIGS, 3 TABLES
- 800311** STAPLETON, R P - 1968  
**TRACE ELEMENTS IN TISSUES OF THE CALICO BASS PARALABRAX CLATHRATUS (GIRARD)**  
S CALIF ACAD SCI BULL  
67(1)49-58, 1 FIG, 3 TABLES
- 800312** LEE, JEAN-YONGCHUL - 1968  
**THE DWARF SUNFISH (ELASSOMA EVERGLADEI)**  
PETFISH MONTHLY  
3(2)53-54
- 800313** BETTS, L C - 1968  
**THE CASE FOR HAND-SPAWNING GOLDFISH**  
PETFISH MONTHLY  
3(1)11-12 AND 3(2)57 + 60
- 800314** ZUKAL, RUDOLF - 1968  
**PENCIL FISH BREEDING IN PICTURES**  
PETFISH MONTHLY  
3(2)69-72, 6 FIGS
- 800315** NEUMANN, MANFRED - 1968  
**DIE ZUCHT VON PHENACOGRAMMUS INTERRUPTUS-EIN RATSEL?**  
AQUARIEN TERRARIEN Z  
21(5)136-139, 5 FIGS
- 800316** DIESENER, GUNTER - 1968  
**PROTOPTERUS AMPHIBIUS (PETERS 1844), DER OSTAFRIKANISCHE LUNGENFISCH**  
AQUARIEN TERRARIEN Z  
21(5)140-142, 1 FIG
- 800317** FOERSCH, WALTER - 1968  
**APLOCHEILICHTHYS FLAVIPINNIS MEINKEN 1932, DER GELBFLOSSIGE LEUCHTAUGENFISCH**  
AQUARIEN TERRARIEN Z  
21(5)142-143, 2 FIGS
- 800318** VAN DEN NIEUWENHUIZEN, AREND - 1968  
**DAS WUNDER IM WOHNZIMMER XIV**  
AQUARIEN TERRARIEN Z  
21(5)145-149, 5 FIGS
- 800319** HERKNER, HUGO - 1968  
**WEIT VERBREITET UND DOCH KAUM BEKANNT-EIN GEFAHRLICHER, NEUER PARASIT IN UNSEREN AQUARIEN**  
AQUARIEN TERRARIEN Z  
21(5)153-157, 8 FIGS
- 800320** THINES, G; HEUTS, B - 1968  
**THE EFFECT OF SUBMISSIVE EXPERIENCES ON DOMINANCE AND AGGRESSIVE BEHAVIOR OF XIPHOPHORUS (PISCES, POECILIIDAE)**  
Z TIERPSYCHOL  
25(2)139-154, 2 FIGS, 4 TABLES
- 800321** DAVIS, ROGER E - 1968  
**ENVIRONMENTAL CONTROL OF MEMORY FIXATION IN GOLDFISH**  
J COMP PHYSIOL PSYCHOL  
65(1)72-78, 1 FIG, 3 TABLES
- 800322** GREEN, LORNA - 1968  
**MECHANISM OF MOVEMENTS OF GRANULES IN MELANOCYTES OF FUNDULUS HETEROCLOTUS**  
PROC NAT ACAD SCI U S A  
59(4)1179-1186, 8 FIGS

- 800323 YOUNG, P C - 1968  
TEN NEW SPECIES OF HALIOTREMA (MONOGENOIDEA,  
DACTYLOGYRIDAE) FROM AUSTRALIAN FISH AND A  
REVISION OF THE GENUS  
J ZOOL PROC ZOOL SOC LONDON  
154(1)41-75, 13 FIGS, 1 TABLE
- 800324 BISHOP, I R; FOXON, G E H - 1968  
THE MECHANISM OF BREATHING IN THE SOUTH  
AMERICAN LUNGFISH, LEPIDOSIREN PARADOXA, A  
RADIOLOGICAL STUDY  
J ZOOL PROC ZOOL SOC LONDON  
154(3)263-271, 2 FIGS, 5 PLATES
- 800325 MUNSHI, J S DATTA; SINGH, B N - 1968  
ON THE MICRO-CIRCULATORY SYSTEM OF THE GILLS OF  
CERTAIN FRESHWATER TELEOSTEAN FISHES  
J ZOOL PROC ZOOL SOC LONDON  
154(3)365-376, 3 FIGS, 1 TABLE, 4 PLATES
- 800326 MURAMOTO, JUN-ICHI; OHNO, SUSUMU - 1968  
ON THE DIPLOID STATE OF THE FISH ORDER  
OSTARIOPHYSI  
CHROMOSOMA  
24(1)59-66, 7 FIGS, 3 TABLES
- 800327 GRABDA, JADWIGA; GRABDA-KAZUBSKA, BOZENA - 1968  
REDESCRIPTION OF PARACANTHOCEPHALUS  
GRACILACANTHUS (MEYER, 1932) COMB NOVA  
(ACANTHOCEPHALA)  
ACTA PARASITOL POL  
15(1)35-41, 3 FIGS, 1 TABLE
- 800328 AWACHIE, J B E - 1968  
EXPERIMENTAL STUDIES ON SOME HOST-PARASITE  
RELATIONSHIPS OF THE ACANTHOCEPHALA,  
CO-INVASION OF GAMMARUS PULEX L BY  
ECHINORHYNCHUS TRUTTAE SCHRANK, 1788 AND  
POLYMORPHUS MINUTUS (GOEZE, 1782)  
ACTA PARASITOL POL  
15(1)69-74, 1 TABLE
- 800329 DE LIGNY, WILHELMINA - 1968  
POLYMORPHISM OF PLASMA ESTERASES IN FLOUNDER  
AND PLAICE  
GENET RES  
11(2)179-182, 3 FIGS
- 800330 HEDIGER, HEINI - 1968  
PUTZER-FISCHE IM AQUARIUM  
NATUR MUS  
98(3)89-96, 4 FIGS
- 800331 HARRISSON, C M H; PALMER, G - 1968  
ON THE NEOTYPE OF RADIICEPHALUS ELONGATUS  
OSORIO WITH REMARKS ON ITS BIOLOGY  
BRIT MUS (NATUR HIST) BULL ZOOL  
16(5)187-211, 6 FIGS, 2 TABLES
- 800332 TONG, L J; ELDER, R D - 1968  
DISTRIBUTION AND ABUNDANCE OF DEMERSAL FISH  
FROM TRAWL STATIONS IN THE BAY OF PLENTY, NEW  
ZEALAND, 1961-63  
N Z J MAR FRESHWATER RES  
2(1)49-66, 5 FIGS, 2 TABLES
- 800333 ELDON, G A - 1968  
NOTES ON THE PRESENCE OF THE BROWN MUDFISH  
(NEOCHANNA APODA GUNTHER) ON THE WEST COAST OF  
THE SOUTH ISLAND OF NEW ZEALAND  
N Z J MAR FRESHWATER RES  
2(1)37-48, 5 FIGS
- 800334 GULLAND, J A - 1968  
RECENT CHANGES IN THE NORTH SEA PLAICE FISHERY  
J CONS CONS PERMA INT EXPLOR MER  
31(3)305-322, 9 FIGS, 3 TABLES
- 800335 CUSHING, D H - 1968  
THE EAST ANGLIAN HERRING FISHERY IN THE  
EIGHTEENTH CENTURY  
J CONS CONS PERMA INT EXPLOR MER  
31(3)323-329, 3 FIGS, 1 TABLE
- 800336 STRASBURG, DONALD W; JONES, EVERET C;  
IVERSEN, ROBERT T B - 1968  
USE OF A SMALL SUBMARINE FOR BIOLOGICAL AND  
OCEANOGRAPHIC RESEARCH  
J CONS CONS PERMA INT EXPLOR MER  
31(3)410-426, 7 FIGS, 1 TABLE
- 800337 HUNTER, JOHN R; MITCHELL, CHARLES T - 1968  
FIELD EXPERIMENTS ON THE ATTRACTION OF PELAGIC  
FISH TO FLOATING OBJECTS  
J CONS CONS PERMA INT EXPLOR MER  
31(3)427-434, 3 FIGS, 3 TABLES
- 800338 MARTIN, RICHARD L - 1968  
THE EFFECT OF MALACHITE GREEN AS A FUNGICIDE  
OHIO J SCI  
68(2)118-121, 1 TABLE
- 800339 WELSH, J G - 1968  
A NEW APPROACH TO RESEARCH ON TUNA DISTRIBUTION  
IN SOUTH AFRICAN WATERS  
FISH BULL S AFR  
(5)32-34, 4 FIGS
- 800340 LAYCOCK, GEORGE - 1968  
THEY'RE MAKING IT HOT FOR FISH  
FIELD STREAM  
73(2)10 + 12 + 14 + 16, 1 FIG
- 800341 WILLOCK, THOMAS A - 1968  
NEW ALBERTA RECORDS OF THE SILVERY AND BRASSY  
MINNOWS, STONECAT AND SAUGER, WITH A  
PRELIMINARY LIST OF FISHES OF THE MILK RIVER IN  
ALBERTA  
CAN FIELD-NATUR  
82(1)18-23, 3 FIGS
- 800342 SCHOFFMAN, ROBERT J - 1968  
AGE AND RATE OF GROWTH OF THE LARGEMOUTH BLACK  
BASS IN REELFOOT LAKE, TENNESSEE, FOR 1961 AND  
1967  
REP REELFOOT LAKE BIOL STA TENN ACAD SCI  
32(1)2-4, 3 FIGS, 2 TABLES
- 800343 GRAY, WILFORD; WARD, ROBERT P - 1968  
AGE AND GROWTH RATE OF BLUEGILL IN SELECTED  
FARM PONDS IN OBION COUNTY, TENNESSEE  
REP REELFOOT LAKE BIOL STA TENN ACAD SCI  
32(1)5-6, 3 TABLES
- 800344 FITZ, RICHARD B - 1968  
FISH HABITAT AND POPULATION CHANGES RESULTING  
FROM IMPOUNDMENT OF CLINCH RIVER BY MELTON HILL  
DAM  
REP REELFOOT LAKE BIOL STA TENN ACAD SCI  
32(1)7-15, 1 FIG 11 TABLES
- 800345 NOWLIN, WILLIAM J - 1968  
A NEW SPECIES OF GYRODACTYLUS (TREMATODA,  
MONOGENEA) FROM THE GOLDEN SHINER  
REP REELFOOT LAKE BIOL STA TENN ACAD SCI  
32(1)29-30, 9 FIGS
- 800346 ACHER, R J - 1968  
NEUROPHYSIN AND NEUROHYPOPHYSIAL HORMONES  
PROC ROY SOC SER B BIOL SCI  
170(1018)7-16, 4 FIGS, 2 TABLES
- 800347 WEIS, JUDITH SHULMAN - 1968  
ANALYSIS OF THE DEVELOPMENT OF THE NERVOUS  
SYSTEM OF THE ZEBRAFISH, BRACHYDANIO RERIO, I,  
THE NORMAL MORPHOLOGY AND DEVELOPMENT OF THE  
SPINAL CORD AND GANGLIA OF THE ZEBRAFISH  
J EMBRYOL EXP MORPHOL  
19(2)109-119, 8 FIGS, 1 TABLE
- 800348 WEIS, JUDITH SHULMAN - 1968  
ANALYSIS OF THE DEVELOPMENT OF THE NERVOUS  
SYSTEM OF THE ZEBRAFISH, BRACHYDANIO RERIO, II,  
THE EFFECT OF NERVE GROWTH FACTOR AND ITS  
ANTISERUM ON THE NERVOUS SYSTEM OF THE  
ZEBRAFISH  
J EMBRYOL EXP MORPHOL

- 19(2)121-135, 2 FIGS, 4 TABLES
- 800349 THOMAS, ROBERT J - 1968  
YOLK DISTRIBUTION AND UTILIZATION DURING EARLY  
DEVELOPMENT OF A TELEOST EMBRYO (BRACHYDANIO  
RERIO)  
J EMBRYOL EXP MORPHOL  
19(2)203-215, 7 PLATES
- 800350 WELLER, J MARVIN - 1968  
EVOLUTION OF MAMMALIAN TEETH  
J PALEONTOL  
42(2)268-290, 20 FIGS
- 800351 LEHMANN, ROLF - 1968  
DIE NIEREN DER WIRBELTIERE  
NATURWISS RUNDSCH  
21(4)139-144, 8 FIGS
- 800352 HOHENDORF, KURT - 1968  
ZUR SCHWEBFAHIGKEIT PELAGISCHER FISCHEIER IN  
DER OSTSEE  
BER DEUT WISS KOM MEERESFORSCH  
19(3)181-193, 1 FIG, 6 TABLES
- 800353 ORAY, I K - 1968  
UNTERSUCHUNGEN UBER DAS LAICHEN DER SCHOLLE  
(PLEURONECTES PLATESSA L.) IN DER SUDOSTLICHEN  
NORDSEE  
BER DEUT WISS KOM MEERESFORSCH  
19(3)194-225, 13 FIGS, 10 TABLES
- 800354 SCHULZ, HELMUT - 1968  
EIN EINFACHES GERAT ZUM ZAHLEN VON FISCHEIERN  
BER DEUT WISS KOM MEERESFORSCH  
19(3)226-230, 2 FIGS
- 800355 CRESSEY, ROGER F - 1968  
CALIGOID COPEPODS PARASITIC ON ISURUS  
OXYRINCHUS WITH AN EXAMPLE OF HABITAT SHIFT  
PROC U S NAT MUS  
125(3653)1-26, 58 FIGS, 4 PLATES
- 800356 STEIN, G A - 1968  
PARASITIC CILIATES (PERITRICHIA, URCEOLARIIDAE)  
OF FISHES OF THE AMUR BASIN  
ACTA PROTOZOOL  
5(12)229-244, 8 FIGS, 2 TABLES, 2 PLATES
- 800357 OSHIMA, K; GORBMAN, A - 1968  
MODIFICATION BY SEX HORMONES OF THE SPONTANEOUS  
AND EVOKED BULBAR ELECTRICAL ACTIVITY IN GOLD  
FISH  
J ENDOCRINOL  
40(4)409-420, 6 FIGS, 2 TABLES
- 800358 TRUSCOTT, B; IDLER, D R - 1968  
THE WIDESPREAD OCCURRENCE OF A CORTICOSTEROID 1  
ALPHA-HYDROXYLASE IN THE INTERRENALS OF  
ELASMOBRANCHII  
J ENDOCRINOL  
40(4)515-526, 5 TABLES
- 800359 LARKIN, P A; MCDONALD, J G - 1968  
FACTORS IN THE POPULATION BIOLOGY OF THE  
SCKEY SALMON OF THE SKEENA RIVER  
J ANIM ECOL  
37(1)229-258, 11 FIGS, 10 TABLES
- 800360 JANES, TED - 1968  
NEW LIFE FOR AN OLD RIVER  
OUTDOOR LIFE  
141(6)39-41 + 149-153, 11 FIGS
- 800361 HILL, CLIFF W - 1968  
THE RESPONSE OF THE INTERRENAL GLAND OF RAINBOW  
TROUT (SALMO GARDNERI) TO STRESS  
DISS ABSTR  
28(10)4267-B
- 800362 SETTERINGTON, RONALD GRAYDON - 1968  
SUCCESSIVE-HABIT-REVERSAL LEARNING IN THE  
AFRICAN MOUTHBREEDER FISH  
DISS ABSTR  
28(10)4328-B
- 800363 CHEN, TCHAW-REN - 1968  
COMPARATIVE KARYOLOGY OF SELECTED DEEP-SEA AND  
SHALLOW-WATER TELEOST FISHES  
DISS ABSTR  
28(10)4343-B-4344-B
- 800364 KUCHNOW, KARL PAUL - 1968  
TAPETAL PIGMENT RESPONSES OF ELASMOBRANCHS  
DISS ABSTR  
28(10)4350-B-4351-B
- 800365 MARVIN, DANIEL E - 1968  
CARDIAC AND RESPIRATORY RESPONSES TO HYPOXIA IN  
THREE ECOLOGICALLY DISTINCT SPECIES OF  
FRESHWATER FISH  
DISS ABSTR  
28(10)4352-B
- 800366 ROBERTSON, DOUGLAS REED - 1968  
SOME MORPHOLOGICAL AND PHYSIOLOGICAL ASPECTS OF  
THE ULTIMOBRANCHIAL BODY IN THE AMPHIBIAN, RANA  
PIPIENS AND THE TELEOST, SALMO GARDNERI  
DISS ABSTR  
28(10)4355-B-4356-B
- 800367 MILLER, LEE W - 1968  
STURGEON TAGGING ON SAN PABLO BAY  
OUTDOOR CALIF  
29(3)4-5, 2 FIGS
- 800368 KABATA, Z - 1968  
TWO SPECIES OF CALIGUS (CALIGIDAE) FROM NEW  
CALEDONIA  
CRUSTACEANA 1968 SUPPL  
1:1-10, 3 FIGS, 5 TABLES
- 800369 SHIELDS, ROBERT J; TIDD, WILBUR M - 1968  
EFFECT OF TEMPERATURE ON THE DEVELOPMENT OF  
LARVAL AND TRANSFORMED FEMALES OF LERNAEA  
CYPRINACEA L (LERNAEIDAE)  
CRUSTACEANA 1968 SUPPL  
1:87-95, 8 FIGS, 4 TABLES
- 800370 KABATA, Z - 1968  
THE APPENDAGES OF LERNAEOLOPHUS SULTANUS (H  
MILNE EDWARDS, 1840) (LERNAEOCERIDAE)  
CRUSTACEANA 1968 SUPPL  
1:103-111, 2 FIGS
- 800371 PILLAI, N KRISHNA - 1968  
DESCRIPTION OF SOME SPECIES OF BRACHIELLA AND  
CLAVELLOPSIS WITH COMMENTS ON ISOBRANCHIA  
HEEGAARD  
CRUSTACEANA 1968 SUPPL  
1:119-135, 8 FIGS
- 800372 SEBASTIAN, M J - 1968  
CARDIODICTES KRISHNAI, A NEW SPECIES OF  
LERNAEID COPEPOD FROM THE FISH, VINCIGUERRIA  
LUCETIA (GARMAN)  
CRUSTACEANA 1968 SUPPL  
1:136-140, 13 FIGS
- 800373 PILLAI, N KRISHNA - 1968  
REDESCRIPTION OF CAETRODES PHOLAS C B WILSON  
AND ITS TRANSFER TO HATSCHKEIA POCHE AND THE  
DESCRIPTION OF HATSCHKEIA ELLIPTICA N SP  
CRUSTACEANA 1968 SUPPL  
1:141-151, 25 FIGS
- 800374 LAUBIER, LUCIEN - 1968  
SUR DEUX COPEPODES PARASITES DE LA RAIE MOBULA  
MOBULAR EN MEDITERRANEE OCCIDENTALE  
CRUSTACEANA 1968 SUPPL  
1:159-171, 3 FIGS



- 800375 JONES, D H; MATTHEWS, J B L - 1968  
ON THE DEVELOPMENT OF SPHYRION LUMPI (KROYER)  
CRUSTACEANA 1968 SUPPL  
1:177-185, 2 FIGS
- 800376 BERKENKAMP, HEINZ O - 1968  
DER 'SCHWARZE FLAGGENSALMLER', HYPHESSOBRYCON  
HERBERTAXELRODI  
AQUARIEN TERRARIEN Z  
21(6)162-164, 1 FIG
- 800377 RADEK, GUNTHER - 1968  
UNINTERESSANTE GRUNZEUGFRESSER?  
AQUARIEN TERRARIEN Z  
21(6)164-166, 1 FIG
- 800378 SCHALLER, ERICH - 1968  
PUTZERFISCHE IM AQUARIUM  
AQUARIEN TERRARIEN Z  
21(6)176-180, 5 FIGS
- 800379 HOBSON, EDMUND S - 1968  
PREDATORY BEHAVIOR OF SOME SHORE FISHES IN THE  
GULF OF CALIFORNIA  
DISS ABSTR  
28(9)3773-B
- 800380 CALDWELL, RICHARD STANLEY - 1968  
TEMPERATURE ACCLIMATION IN THE GOLDFISH  
(CARASSIUS AURATUS L), STUDIES ON TERMINAL  
ELECTRON TRANSPORT AND THE ROLE OF LIPIDS  
DISS ABSTR  
28(9)3923-B-3924-B
- 800381 KAILL, WILLIAM MICHAEL - 1968  
ECOLOGY AND BEHAVIOR OF THE CYPRINODONTID  
FISHES JORDANELLA FLORIDAE GOODE AND BEAN,  
FLORIDICHTHYS CARPIO (GUNTHER) AND CYPRINODON  
VARIEGATUS LACEPEDE  
DISS ABSTR  
28(9)3927-B-3928-B
- 800382 SAVITZ, JAN - 1968  
THE EFFECTS OF TEMPERATURE, BODY WEIGHT, AND  
STARVATION ON NITROGEN EXCRETION IN THE  
BLUEGILL SUNFISH (LEPOMIS MACROCHIRUS)  
DISS ABSTR  
28(9)3930-B-3931-B
- 800383 PROBSTING, HERMANN - 1968  
TYRANN UND SCHURZENJAGER, DER TURKIS-BUNTBARSCHE  
AQUARIEN MAG  
(5)178-180, 1 FIG
- 800384 FRYER, GEOFFREY - 1968  
BUNTBARSCHE IM NYASSA-SEE, DAS UBERDIMENSIONALE  
AQUARIUM, 200 CICHLIDEN-ARTEN IN EINEM BECKEN  
AQUARIEN MAG  
(5)182-184, 7 FIGS
- 800385 FEUCHT, HEINZ - 1968  
ZU EMPFEHLEN, BUNTBARSCHE AUS DEM NYASSA-SEE  
AQUARIEN MAG  
(5)185-189, 9 FIGS
- 800386 RUSEK, JOSEF - 1968  
DIE GAFFER AUS DEM SCHWARZEN MEER  
AQUARIEN MAG  
(5)190-191, 2 FIGS
- 800387 FURSCH, HELMUT - 1968  
HALBSCHNABELHECHTE-UMSTANDELHALBER ABZUGEBEN,  
DERMOGENYS-ARTEN SIND 'FAST' FILIEGENDE FISCHE  
AQUARIEN MAG  
(5)198-199, 5 FIGS
- 800388 FEUCHT, HEINZ - 1968  
DAS LAUNENHAFTE LIEBESPAAR, DIE FUNFGURTELBARBE  
LAICHT NICHT AUF BEFEHL  
AQUARIEN MAG  
(5)204-205, 6 FIGS
- 800389 APFELBACH, R - 1968  
OB EHEJOCH, OB FREIE LIEBE--FUR DIE KINDER IST  
GESORGT  
AQUARIEN MAG  
(5)212-213, 3 FIGS
- 800390 VON FILEK, WERNER - 1968  
BOTIA MACRACANTHA--DAS FISCH-SCHWEIN AUS  
SUMATRA  
AQUA TERRA  
5(5)33-34, 1 FIG
- 800391 FRANK, STANISLAV - 1968  
DER BASSAMSALMLER HEMIGRAMMUS MARGINATUS  
AQUA TERRA  
5(5)36-37, 2 FIGS
- 800392 ANONYMOUS - 1968  
EIN SELTENER SALMLER  
AQUA TERRA  
5(5)40, 1 FIG
- 800393 FIERSTINE, HARRY L - 1968  
SWOLLEN DORSAL FIN ELEMENTS IN LIVING AND  
FOSSIL CARANX (TELEOSTEI, CARANGIDAE)  
LOS ANGELES COUNTY MUS CONTRIB SCI  
(137)1-10, 5 FIGS
- 800394 WHITLEY, GILBERT P - 1968  
SOME FISHES FROM NEW SOUTH WALES  
PROC ROY ZOOL SOC N S W  
1966-67:32-40, 5 FIGS
- 800395 DIMCHEVA-GROZANOVA, LILIANA - 1968  
THE EMBRYONIC DEVELOPMENT OF RAINBOW TROUT FROM  
OVERRIPE ROE  
BULG AKAD NAUK IZV ZOOL INST MUS  
26:83-101, 1 FIG, 3 TABLES
- 800396 ECHELLE, ANTHONY A - 1968  
FOOD HABITS OF YOUNG-OF-YEAR LONGNOSE GAR IN  
LAKE TEXOMA, OKLAHOMA  
SOUTHWEST NATUR  
13(1)45-50, 2 TABLES
- 800397 TAFANELLI, ROBERT J; BASS, J CARL - 1968  
FEEDING RESPONSE OF LEPOMIS CYANELLUS TO  
BLISTER BEETLES (MELOIDAE)  
SOUTHWEST NATUR  
13(1)51-54, 1 TABLE
- 800398 HILL, LOREN G; JENSSEN, THOMAS H - 1968  
A MERISTIC STUDY OF THE REDBELLY DACE,  
CHROMOMUS ERYTHROGASTER (CYPRINIDAE), FROM A  
STREAM IN SOUTHERN OKLAHOMA  
SOUTHWEST NATUR  
13(1)55-60, 1 FIG, 2 TABLES
- 800399 LISSMANN, H W; MULLINGER, F R S; MULLINGER, ANN  
M - 1968  
ORGANIZATION OF AMPULLARY ELECTRIC RECEPTORS IN  
GYMNOTIDAE (PISCES)  
PROC ROY SOC SER B BIOL SCI  
169(1017)345-378, 50 FIGS, 1 TABLE
- 800400 HAMMOND, R A - 1968  
OBSERVATIONS ON THE BODY SURFACE OF SOME  
ACANTHOCEPHALANS  
NATURE (LONDON)  
218(5144)872-873, 3 FIGS
- 800401 BOISSON, C; MATTEI, X; MATTEI, C - 1968  
LA SPERMIOGENESE DE RHINOBATUS CEMICULUS GEOFF  
ST-HILAIRE (SELACIEN RHINOBATIDAE), ETUDE AU  
MICROSCOPE ELECTRONIQUE  
BULL INST FOND AFR NOIRE  
30(2)659-689, 2 FIGS, 8 PLATES
- 800402 BLACHE, J - 1968  
CONTRIBUTION A LA CONNAISSANCE DES POISSONS  
ANGUILLIFORMES DE LA COTE OCCIDENTALE

- D'AFRIQUE, SEPTIEME NOTE LA FAMILLE DES MURAENESOCIDAE**  
BULL INST FOND AFR NOIRE  
30(2)690-736, 31 FIGS
- 800403** PLANE, M; GATEHOUSE, C G - 1968  
**A NEW VERTEBRATE FAUNA FROM THE TERTIARY OF NORTHERN AUSTRALIA**  
AUST J SCI  
30(7)272-273, 1 FIG
- 800404** KLAUSEWITZ, WOLFGANG - 1968  
**FISCHE AUS DEM ROTEN MEER, VIII, BIAT MAGNUSI N SP. EINE NEUE MEERGRUNDEL (PISCES, OSTEICHTHYES, GOBIIDAE)**  
SENCKENBERGIANA BIOL  
49(1)13-17, 3 FIGS
- 800405** BATH, HANS - 1968  
**UNTERSUCHUNG DER SCHLEIMFISCHART BLENNIUS INAEQUALIS VALENCIENNES, 1836 (PISCES, BLENNIOIDEA, BLENNIIDAE)**  
SENCKENBERGIANA BIOL  
49(1)19-24, 5 FIGS, 1 TABLE
- 800406** BLOT, JACQUES - 1968  
**LE SQUELETTE INTERNE DE LA NAGEOIRE ANALE ET SES RELATIONS AVEC LE SQUELETTE AXIAL**  
CR HEBD SEANCES ACAD SCI PARIS  
266(19)1943-1946, 2 FIGS
- 800407** FITCH, JOHN E - 1968  
**OTOLITHS AND OTHER FISH REMAINS FROM THE TIMMS POINT SILT (EARLY PLEISTOCENE) AT SAN PEDRO, CALIFORNIA**  
LOS ANGELES COUNTY MUS CONTRIB SCI  
(146)1-29, 4 FIGS, 1 TABLE
- 800408** CARROTHERS, P J G - 1968  
**INSTRUMENTATION FOR THE ENGINEERING STUDY OF OTTER TRAWLS**  
FISH RES BOARD CAN BULL  
(163)VII + 1-45, 31 FIGS
- 800409** HAEDRICH, RICHARD L; CRADDOCK, JAMES E - 1968  
**DISTRIBUTION AND BIOLOGY OF THE OPISTHOPROCTID FISH WINTERIA TELESCOPA BRAUER 1901**  
BREVIOIRA  
(294)1-11, 4 FIGS, 2 TABLES
- 800410** MEULENGRACHT-MADSEN, JENS - 1968  
**CICHLIDERNE, ADFAERDSFORSKNINGENS VIDUNDERBORN**  
NATUR VERDEN  
(MAR)76-82, 6 FIGS
- 800411** TAVOLGA, WILLIAM N - 1968  
**MARINE ANIMAL DATA ATLAS**  
TECH REP NAVTRADEVEN  
1212-2:1-x + 1-239.231 FIGS
- 800412** DE GRAAF, FRANK - 1968  
**ANEMOONVISSSEN (1)**  
AQUARIUM (DEN HAAG)  
38(11)242-245, 8 FIGS, (2) 38(12)272-275, 7 FIGS
- 800413** CORNELL, J HARRY - 1968  
**HOW FISH FEED**  
WILDLIFE NC  
32(6)22-24, 2 FIGS
- 800414** VAN DEN NIEUWENHUIZEN, AREND - 1968  
**PLEZIER MET CICHLIDEN (3), AEQUIDENS PULCHER**  
AQUARIUM (DEN HAAG)  
38(11)254-259, 11 FIGS
- 800415** JALABERT, B; BILLARD, ROLAND - 1968  
**HYPOPHYSECTOMIE DE POECILIA RETICULATA (POISSON TELEOSTEEN)**  
ANN BIOL ANIM BIOCHIM BIOPHYS  
8(1)99-105, 8 FIGS
- 800416** HENRY, KENNETH A, ET AL - 1968  
**REPORT OF THE BUREAU OF COMMERCIAL FISHERIES BIOLOGICAL LABORATORY, BEAUFORT, N C FOR THE FISCAL YEAR ENDING JUNE 30, 1967**  
U S FISH WILDLIFE SERV CIRC  
(287)I-III + 1-22, 17 FIGS, 9 TABLES
- 800417** RICKARDS, WILLIAM L - 1968  
**ECOLOGY AND GROWTH OF JUVENILE TARPON, MEGALOPS ATLANTICUS, IN A GEORGIA SALT MARSH**  
BULL MAR SCI  
18(1)220-239, 6 FIGS, 9 TABLES
- 800418** HOESE, H D; COPELAND, B J; MOSELEY, FRANK N; LANE, E DAVID - 1968  
**FAUNA OF THE ARANSAS PASS INLET, TEXAS, III, DIEL AND SEASONAL VARIATIONS IN TRAWLABLE ORGANISMS OF THE ADJACENT AREA**  
TEX J SCI  
20(1)33-60, 7 FIGS, 5 TABLES
- 800419** BALON, EUGENIUSZ K - 1968  
**FUND EINES GRASKARPFENS CTENOPHARYNGODON IDELLA (VALENCIENNES, 1844) IN DEM HAUPTSTROM DER DONAU BEIM KM 1749**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(2)97-103, 5 FIGS
- 800420** CERNY, KAREL - 1968  
**GROWTH-STUDY OF TENCH, TINCA TINCA (LINNAEUS)**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(2)131-165, 5 FIGS, 20 TABLES
- 800421** HOLCIK, JURAJ - 1968  
**LIFE HISTORY OF THE PIKE-ESOX LUCIUS LINNAEUS, 1758, IN THE KLICAVA RESERVOIR**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(2)166-180, 7 FIGS, 5 TABLES
- 800422** OLIVA, OTA; SKOREPA, VLASTISLAV - 1968  
**THE MYODOME IN BREAM, ABRAMIS BRAMA (LINNAEUS)**  
VESTN CSEK SPOLECNOSTI ZOOLOG  
32(2)181-184, 2 FIGS
- 800423** GUTMANN, WOLFGANG-FRIEDRICH - 1968  
**DIE EMBRYONAL-ENTWICKLUNG DES MENSCHEN UND DIE STAMMESGESCHICHTE DER WIRBELTIERE**  
NATUR MUS  
98(2)64-70, 2 FIGS
- 800424** PALEUS, S; SCHUCHHARDT, S; LUBBERS, D W - 1968  
**PHOTOMETRISCHE MESSUNGEN AM SCHLAGENDEN HERZ VON MYXINE GLUTINOSA L ZUR ERFASSUNG INTRACELLULAR GELEGENER HAMOPROTEINE**  
PFLUEGERS ARCH GESAMTE PHYSIOL MENSCHEN TIERE  
299(3)252-260, 4 FIGS, 1 TABLE
- 800425** NELSON-SMITH, ANTHONY - 1968  
**THE EFFECTS OF OIL POLLUTION AND EMULSIFIER CLEANSING ON SHORE LIFE IN SOUTH-WEST BRITAIN**  
J APPL ECOL  
5(1)97-107, 2 FIGS
- 800426** MOORE, W H - 1968  
**A LIGHT-WEIGHT PULSED D C FISH SHOCKER**  
J APPL ECOL  
5(1)205-208, 4 FIGS
- 800427** DADZIE, STEPHEN - 1968  
**THE STRUCTURE OF THE CHORION OF THE EGG OF THE MOUTHBROODING CICHLID FISH TILAPIA MOSSAMBICA**  
J ZOOLOG PROC ZOOLOG SOC LONDON  
154(2)161-163, 1 FIG
- 800428** NOVITSKII, O P - 1968  
**MAP OF NATURE'S DYNAMICS AND SIBERIAN FISH PRIRODA (MOSKVA)**  
(2)55-58, 4 FIGS
- 800429** MALIUTIN, V S - 1968  
**STURGEON, PRESENT AND FUTURE**

- PRIRODA (MOSKVA)  
(3)83-89, 7 FIGS, 1 TABLE
- 800430** SHAVERDASHVILI, R S - 1968  
**ATLANTIC STURGEON**  
PRIRODA (MOSKVA)  
(3)90-91, 1 FIG
- 800431** BORISOV, I N - 1968  
**ON THE SOURCES OF DEVELOPMENT OF THE FISH SKELETON MUSCLES**  
VESTN ZOOL  
(1)20-29, 7 FIGS
- 800432** ZAMBRIBORSHCH, F S - 1968  
**ON TAXONOMY OF GOBIIDAE OF THE BASINS OF THE BLACK AND AZOV SEAS (SHORT IDENTIFICATION TABLE)**  
VESTN ZOOL  
(1)37-44, 2 FIGS, 1 TABLE
- 800433** KOROLEVA, IN I - 1968  
**A KARYOLOGICAL STUDY OF CERTAIN SPECIES OF MONOGENEA OF THE GENUS DIPLOZOOM**  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
179(1/2/3)739-741, 3 FIGS
- 800434** DAVYDOVA, S I - 1968  
**MATURATION OF OOCYTES OF ACIPENSERIDAE OUTSIDE THE BODY OF THE FEMALE**  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
179(1/2/3)750-752
- 800435** NORREVANG, ARNE - 1968  
**ELECTRON MICROSCOPIC MORPHOLOGY OF OOGENESIS**  
INT REV CYTOL  
23:113-186, 28 FIGS
- 800436** SHRIVASTAVA, K P; FLOODGATE, G D - 1968  
**STUDIES ON THE INTESTINAL MICROFLORA OF THE DAB, LIMANDA LIMANDA L**  
J MAR BIOL ASS INDIA  
8(1)1-7, 2 TABLES
- 800437** DURVE, V S; RAJA, S K DHARMA - 1968  
**EFFECTS OF ANAESTHETICS ON THE BEHAVIOUR OF MULLET FINGERLINGS AND THE SCOPE OF USING THESE IN DIFFERENT FISHERY PROCEDURES-I**  
J MAR BIOL ASS INDIA  
8(1)28-55, 3 FIGS, 14 TABLES
- 800438** PILLAI, N KRISHNA - 1968  
**NOTES ON COPEPODS PARASITIC ON SOUTH INDIAN MARINE FISHES**  
J MAR BIOL ASS INDIA  
8(1)123-140, 10 FIGS
- 800439** JONES, S; KUMARAN, M - 1968  
**NEW RECORDS OF FISHES FROM THE SEAS AROUND INDIA-PART IV**  
J MAR BIOL ASS INDIA  
8(1)163-180, 20 FIGS
- 800440** BENSAM, P - 1968  
**THE EGGS AND EARLY DEVELOPMENT OF A MURAENID EEL**  
J MAR BIOL ASS INDIA  
8(1)181-187, 13 FIGS
- 800441** SUBRAHMANYAM, C B - 1968  
**EGGS AND EARLY DEVELOPMENT OF TWO MORE CARANGIDS FROM MADRAS**  
J MAR BIOL ASS INDIA  
8(1)188-192, 5 FIGS
- 800442** LUTHER, G - 1968  
**ON THE LITTLE KNOWN FISH, CHIROCENTRUS NUDUS SWAINSON FROM THE INDIAN SEAS, AND ITS COMPARISON WITH CHIROCENTRUS DORAB (FORSKAL)**  
J MAR BIOL ASS INDIA  
8(1)193-201, 1 FIG, 3 TABLES
- 800443** RAO, K VIRABHADRA; MEENAKSHISUNDARAM, P T; DORAIRAJ, K - 1968  
**RELATIVE ABUNDANCE OF TRAWL FISHES IN THE BOMBAY-SAURASHTRA WATERS**  
J MAR BIOL ASS INDIA  
8(1)205-212, 3 TABLES
- 800444** GEORGE, K C; DAYANANDAN, M G - 1968  
**ATROPHACANTHUS DANAE FRASER BRUNNER AND CHAETODON JAYAKARI NORMAN, NEW RECORDS OF FISHES FROM THE ARABIAN SEA OFF THE SOUTH-WEST COAST OF INDIA**  
J MAR BIOL ASS INDIA  
8(1)220-222, 2 FIGS
- 800445** SUDARSAN, D - 1968  
**ON THE EARLY DEVELOPMENT OF THE PIPE-FISH SYNGNATHOIDES BIACULEATUS (BLOCH)**  
J MAR BIOL ASS INDIA  
8(1)222-224, 2 FIGS
- 800446** VENKATARAMAN, G; BENNET, P SAM; KRISHNA MURTY, V S; CHENNUBHOLTA; RAMAKRISHNAN, K N - 1968  
**A NOTE ON THE OCCURRENCE OF LARGE SCALE FISH MORTALITY ALONG THE CHALIYAR RIVER NEAR BEYPORE**  
J MAR BIOL ASS INDIA  
8(1)224-226
- 800447** BENNET, P SAM - 1968  
**BOMOLOCHUS VARUNAE, A NEW SPECIES OF PARASITIC COPEPOD FROM ANODONTOSTOMA CHACUNDA (HAMILTON BUCHANAN)**  
J MAR BIOL ASS INDIA  
8(2)295-301, 3 FIGS, 1 TABLE
- 800448** SUDARSAN, D - 1968  
**EGGS AND LARVAE OF A HEMIRHAMPHID FISH FROM MANDAPAM**  
J MAR BIOL ASS INDIA  
8(2)342-346, 3 FIGS
- 800449** BALASUBRAHMANYAM, K - 1968  
**LARVA OF IDIACANTHUS FASCIOLA (PISCES-FAM IDIACANTHIDAE) FROM THE BAY OF BENGAL**  
J MAR BIOL ASS INDIA  
8(2)347-349, 1 FIG
- 800450** RAO, K SRINIVASA - 1968  
**THE OCCURENCE OF DECAPTERUS DAYI WAKIYA, IN THE ARABIAN SEA OFF BOMBAY, WITH A TAXONOMIC NOTE**  
J MAR BIOL ASS INDIA  
8(2)350-353, 1 TABLE
- 800451** LUTHER, G - 1968  
**ON THE OCCURRENCE OF STEINEGERIA RUBESCENS JORDAN AND EVERMANN (BRAMIDAE PISCES) IN THE INDIAN OCEAN**  
J MAR BIOL ASS INDIA  
8(2)354-356, 2 FIGS
- 800452** BAPAT, S V; RADHAKRISHNAN, N - 1968  
**A NOTE ON THE OCCURENCE OF ABNORMAL SPECIMENS OF MACKERAL, RASTRELLIGER KANAGURTA (C) ON THE KARWAR COAST**  
J MAR BIOL ASS INDIA  
8(2)363-364, 1 FIG, 1 TABLE
- 800453** GNANAMUTTU, J C - 1968  
**ON THE OCCURRENCE OF THE ORIENTAL BONITO, SARDA ORIENTALIS (TEMMINCK AND SCHLEGEL) ALONG THE MADRAS COAST**  
J MAR BIOL ASS INDIA  
8(2)365
- 800454** RAJAPANDIAN, M E; MURTY, V SRIRAMACHANDRA - 1968  
**ON THE OCCURRENCE OF THE SPOTTED THREADFIN, POLYNEMUS MICROSTOMA BLEEKER IN THE GULF OF MANNAR**  
J MAR BIOL ASS INDIA  
8(2)365-367, 1 FIG, 1 TABLE

- 800455 NOBLE, A - 1968  
NOTE ON THE FOOD OF FLYING GURNARD,  
DACTYLOPTENA ORIENTALIS (CUVIER)  
J MAR BIOL ASS INDIA  
8(2)368-369
- 800456 RAO, M BABU; SINHA, NAVEEN KUMAR - 1968  
A NEW RECORD OF JOHNIUS NOVAE-HOLLANDIAE  
(STEINDACHNER) (PISCES, SCIAENIDAE) FROM INDIA  
J MAR BIOL ASS INDIA  
8(2)370-372, 2 FIGS
- 800457 TALWAR, P K; CHAKRAPANY, S - 1968  
BRACHIRUS PANOIDES BLEEKER AND PARDACHIRUS  
MARMORATUS (LACEPEDE) (SOLEIDAE, PISCES), NEW  
RECORDS FOR THE INDIAN COAST  
J MAR BIOL ASS INDIA  
8(1)202-204, 2 FIGS
- 800458 TALWAR, P K; SEN, T K - 1968  
A NOTE ON THE NATURAL DISTRIBUTION OF THE  
FLATFISH, ZEBRIAS ALTIPINNIS (ALCOCK)  
J MAR BIOL ASS INDIA  
8(2)367-368
- 800459 RANGARAJAN, K - 1968  
ON AN INSTANCE OF REDUCED NUMBER OF ANAL SPINES  
IN SCOLOPSIS PHAEOPS (BENNETT)  
(SCOLOPSIDAE-PISCES)  
J MAR BIOL ASS INDIA  
8(2)369-370, 1 FIG
- 800460 SWIFT, CAMM; WING, ELIZABETH S - 1968  
FOSSIL BONY FISHES FROM FLORIDA  
THE PLASTER JACKET (GAINESVILLE)  
(7)2-11, 8 FIGS
- 800461 RINGUELET, RAUL A - 1968  
LLAVE O CLAVE PARA EL RECONOCIMIENTO DE LAS  
SANGUIJUELAS CONOCIDAS DE LA REPUBLICA  
ARGENTINA (HIRUDINEA) Y APUNTAMIENTOS SOBRE LA  
HIRUDOFUNA NEOTROPICA Y TRANSICIONAL MEXICANA  
PHYSIS REV ASSOC ARGENT CIENC NATUR  
27(75)367-390
- 800462 DE CIECHOMSKI, JUANA D; CHRISTIANSEN, HARALDO E  
1968  
UN CASO DE HERMAFRODITISMO EN LA MERLUZA  
MERLUCCIIUS MERLUCCIIUS HUBBSI (PISCES,  
MERLUCCIIDAE)  
PHYSIS REV ASSOC ARGENT CIENC NATUR  
27(75)423-428, 9 FIGS
- 800463 GUPTA, A N - 1968  
PARADIPLANGUS INDICUS SP NOV (TREMATODA,  
DIGenea, FAM CALLODISTOMIDAE POCHÉ, 1926) FROM  
TETRADON VIRIDIPUNCTATUS (GUNTHER) FROM INDIA  
RIV PARASSITOL  
29(1)17-20, 1 FIG
- 800464 DUCKER, G; RENSCH, B - 1968  
VERZOGERUNG DES VERGESSENS ERLERNTER VISUELLER  
AUFGABEN BEI FISCHEN DURCH DUNKELHALTUNG  
PFLUEGERS ARCH GESAMTE PHYSIOL MESCHEN TIERE  
30(1)1-6, 1 FIG, 1 TABLE
- 800465 HIDEOMI, TUGE; UCHIHASHI, KIYOSHI;  
SEE SHIMAMURA, HATSUTARO - 1968  
803183 AN ATLAS OF THE BRAINS OF FISHES OF JAPAN  
TSUKIJI SHODAN PUBLISHING CO LTD: TOKYO, 1-240,  
ILLUS
- 800466 DE VOOYS, G G N - 1968  
FORMATION AND EXCRETION OF AMMONIA IN  
TELEOSTEI, I, EXCRETION OF AMMONIA THROUGH THE  
GILLS  
ARCH INT PHYSIOL BIOCHEM  
76(2)268-272, 1 FIG
- 800467 BROTHI, J - 1968  
IDENTIFICATION HISTOENZYMOLOGIQUE DES FIBRES  
LENTES ET RAPIDES DANS LES MUSCLES  
SQUELETTIQUES DES VERTEBRES
- ARCH INT PHYSIOL BIOCHEM  
76(2)299-310, 15 FIGS
- 800468 VANDEPITTE, ERIC - 1968  
BAUCHOBEN DURCH DEN KONGO, EIN NONKONFORMIST  
UNTER DEN FISCHEN, DER SCHWARZBAUCH-KONGOWEIS  
AQUARIEN MAG  
(6)223-225, 4 FIGS
- 800469 LANGESCHIED, CORNELIS - 1968  
DER PAUKBODEN IM AQUARIUM, BUNTBARSCHE KAMPFEN  
RITTERLICH  
AQUARIEN MAG  
(6)230-233, 6 FIGS
- 800470 ZUKAL, RUDA - 1968  
HOCHZEIT BEI FAMILIE STREIFENHECHTLING  
AQUARIEN MAG  
(6)236-239, 12 FIGS
- 800471 MEINKEN, HERMANN - 1968  
SCHON WIE EIN PFAU-UND DURCHSCHEINEND WIE  
KLARES WASSER, DER PFAUENGLASBARSCHE-EINE  
NEUHEIT AUS MALAYA  
AQUARIEN MAG  
(6)240-243, 2 FIGS
- 800472 VAN DEN NIEUWENHUIZEN, AREND - 1968  
NANNAETHIOPS UNITAENIATUS GUNTHER, 1871  
AQUA TERRA  
5(6)47-48 1 FIG
- 800473 BISHAI, H M; ABU-GIDEIRI, Y B - 1968  
STUDIES ON THE BIOLOGY OF GENUS SYNDONTIS AT  
KHARTOUM, III-REPRODUCTION  
HYDROBIOLOGIA  
31(2)193-202, 3 FIGS, 3 TABLES
- 800474 DORNESCO, G T; MISCALENCU, D - 1968  
NOUVELLE CONTRIBUTION A L ETUDE COMPARATIVE DES  
BRANCHIES DE QUELQUES ESPECES DE L'ORDRE DES  
PERCIFORMES  
ZOOLOG JAHRB ABT ANAT ONTOG TIERE  
85(2)228-244, 14 FIGS
- 800475 NITTINGER, JURGEN - 1968  
HISTOLOGISCHE UND HISTOCHEMISCHE UNTERSUCHUNGEN  
UBER DIE INVOLUTION DES DOTTERSACKS BEI  
LEBISTES RETICULATUS PETERS UND SALMO IRIDEUS  
GIBB  
ZOOLOG JAHRB ABT ANAT ONTOG TIERE  
85(2)245-325, 42 FIGS
- 800476 HARDY, ERIC - 1968  
THE MARINE FISHES OF MORECAMBE BAY  
FIELD NATURALIST (CUMBERLAND)  
13(1)2-5
- 800477 INOUE, MOTOO; AMANO, RYOHEI; IWASAKI, YUKINOBU;  
YAMAUTI, MINORU - 1968  
STUDIES ON ENVIRONMENTS ALLURING SKIPJACK AND  
OTHER TUNAS- II, ON THE DRIFTWOODS ACCOMPANIED  
BY SKIPJACK AND TUNAS  
BULL JAP SOC SCI FISH  
34(4)283-287, 1 FIG, 1 TABLE
- 800478 INOUE, MOTOO; AMANO, RYOHEI; IWASAKI, YUKINOBU;  
YAMAUTI, MINORU - 1968  
STUDIES ON ENVIRONMENTS ALLURING SKIPJACK AND  
OTHER TUNAS- III, TAGGING EXPERIMENTS ON THE  
EXPERIMENTAL DRIFTWOODS AS PART OF ECOLOGICAL  
STUDY OF TUNAS  
BULL JAP SOC SCI FISH  
34(4)288-294, 3 FIGS, 2 TABLES
- 800479 KITAHARA, TAKERU - 1968  
ON SWEEPING TRAMMEL NET (KOGISASHIAMI) FISHERY  
ALONG COAST OF THE SAN-IN DISTRICTS-II, CHANGE  
OF DAILY CATCH BY NET IN SHIMANE PREFECTURE  
BULL JAP SOC SCI FISH  
34(4)300-304, 2 FIGS, 1 TABLE

- 800480 YONE, YASUO - 1968  
EFFECT OF FURAZOLIDONE ON GROWTH AND FEED  
EFFICIENCY OF RED SEA BREAM  
BULL JAP SOC SCI FISH  
34(4)305-309, 2 FIGS, 5 TABLES
- 800481 UENO, MOTOKAZU - 1968  
FOOD AND FEEDING BEHAVIOR OF PACIFIC SALMON-I,  
THE STRATIFICATION OF FOOD ORGANISMS IN THE  
STOMACH  
BULL JAP SOC SCI FISH  
34(4)315-318, 1 FIG, 3 TABLES
- 800482 HIGO, NOBIO - 1968  
PI-EFFECT IN THE SWIMMING MOTIONS OF FISH-I,  
HORIZONTAL U-TURN MOTION  
BULL JAP SOC SCI FISH  
34(4)319-323, 6 FIGS, 1 TABLE
- 800483 MITANI, FUMIO - 1968  
AN ATTEMPT TO ESTIMATE THE POPULATION SIZE OF  
THE MOJAKO, THE JUVENILE OF THE YELLOWTAIL,  
FROM THE AMOUNT OF THE FLOATING SEAWEEDES, BASED  
ON THE OBSERVATIONS MADE BY MEANS OF AEROPLANE  
AND VESSELS-IV, RATE OF EXPLOITATION OF THE  
MOJAKO  
BULL JAP SOC SCI FISH  
34(4)324-334, 7 FIGS, 4 TABLES
- 800484 IKEDA, SHIZUNORI; TAGUCHI, TAKESHI - 1968  
STUDIES ON THE PROPERTIES OF FISH  
ACTOMYOSIN-II, EFFECT OF LECITHIN ON THE  
SOLUBILITY OF ACTOMYOSIN FROM YELLOWTAIL MUSCLE  
BULL JAP SOC SCI FISH  
34(4)335-338, 6 FIGS
- 800485 TAGUCHI, TAKESHI; IKEDA, SHIZUNORI - 1968  
STUDIES ON THE PROPERTIES OF FISH  
ACTOMYOSIN-III, LECITHIN FOUND IN THE  
ACTOMYOSIN FROM FISH MUSCLE  
BULL JAP SOC SCI FISH  
34(4)339-343, 1 FIG, 4 TABLES
- 800486 YAMAGATA, MAKOTO; HORIMOTO, KATSUYA;  
NAGAOKA, CHUJIRO - 1968  
ON THE DISTRIBUTION OF TRIMETHYLAMINE OXIDE IN  
THE MUSCLES OF YELLOWFIN TUNA  
BULL JAP SOC SCI FISH  
34(4)344-350, 1 FIG, 6 TABLES
- 800487 UEDA, TADAO; SHIMIZU, YUTAKA; SIMIDU, WATARU  
1968  
SPECIES DIFFERENCE IN FISH ACTOMYOSIN-III, THE  
VELOCITY AND MECHANISM OF HEAT-DENATURING  
REACTION  
BULL JAP SOC SCI FISH  
34(4)351-356, 6 FIGS, 1 TABLE
- 800488 OGAWA, YOSHINORI - 1968  
EXPERIMENTS ON THE ATTRACTIVENESS OF ARTIFICIAL  
REEFS FOR MARINE FISHES-VIII, ATTRACTION OF  
YOUNG YELLOW-TAIL TO THE MODEL FISH REEFS  
BULL JAP SOC SCI FISH  
34(3)169-176, 5 FIGS, 7 TABLES
- 800489 KOIKE, ATSUSHI - 1968  
CATCHING EFFICIENCY OF MASU-AMI WITH DIFFERENT  
COLORED BAG-NETS-I, THE EFFECT OF COLORED  
BAG-NETS ON CATCH  
BULL JAP SOC SCI FISH  
34(3)177-184, 4 FIGS, 5 TABLES
- 800490 TSUCHIYA, YASUHIKO; NOMURA, TADASI - 1968  
FORMATION DU VERDOHAEMOCHROME PAR LES  
POISSONS-II, REPARTITION DU DEGRE DE FORMATION  
DANS DIVERS TISSUS ANIMAUX ET DANS LES CELLULES  
HEPATIQUES CHEZ COLOABIS SAIRA  
BULL JAP SOC SCI FISH  
34(3)205-209, 3 TABLES
- 800491 YAMAGUCHI, KATSUMI; HASHIMOTO, KANEHISA;  
MATSUURA, FUMIO - 1968  
STUDIES ON A BLUE-GREEN SERUM PIGMENT OF  
EEL-III, AMINO ACID COMPOSITION AND  
CONSTITUENT SUGARS
- BULL JAP SOC SCI FISH  
34(3)214-219, 2 FIGS, 3 TABLES
- 800492 PANDE, B P; CHAUHAN, P P S; ARORA, G S - 1968  
METACERCARIA OF BUCEPHALOPSIS (A PROSORHYNCHINE  
GASTEROSTOME) IN JUVENILES OF A TOAD AND TWO  
CYPRINID FISHES  
CURR SCI  
37(3)79-80, 3 FIGS
- 800493 FRANK, STANISLAV - 1968  
NANNOCHARAX ANSORGEI (?)  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(4)112-113, 3 FIGS
- 800494 HABERMAN, HENN - 1968  
TWO PERCH FORMS IN LAKE VORTSJARY  
EESTI NSV TEAD AKAD TOIM BIOL SEER  
17(2)207-216, 3 TABLES
- 800495 CALLEGARINI, CARLO; CUCCHI, CARLO - 1968  
INTRASPECIFIC POLYMORPHISM OF HEMOGLOBIN IN  
TINCA TINCA  
BIOCHIM BIOPHYS ACTA  
160(2)264-266, 3 FIGS, 1 TABLE
- 800496 RICHTER, HANS JOACHIM - 1968  
PELMATOCHROMIS AUTOCEPHALUS-DER  
GOLDKOPF-ZWERGICHLIDE  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(4)114-115
- 800497 BECH, REINHOLD - 1968  
SIND DIE KLEINSTE IMMER DIE SCHONSTEN? EINE  
NEUE RIVULUS-ART AUS BRASILIEN  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(4)122-123, 1 FIG
- 800498 ZUKAL, RUDA - 1968  
PTEROLEBIAS PERUENSIS MYERS  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(4)126-127, 7 FIGS
- 800499 DECKERT, K - 1968  
KANN DER FLUGHAHN FLIEGEN?  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(4)128-129, 4 FIGS
- 800500 VAN DEN NIEUWENHUIZEN, AREND - 1968  
MONOCIRRHUS POLYACANTHUS, DER BLATTFISCH  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(5)148-151, 9 FIGS
- 800501 RICHTER, HANS JOACHIM - 1968  
APISTOGRAMMA AMOENUS (COPE 1872)-EIN SELTENER  
ZWERGICHLIDE  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(5)160-161, 1 FIG
- 800502 SMITH, GENE - 1968  
LONGEAR SUNFISH  
FLA WILDLIFE  
22(2)13, 2 FIGS
- 800503 HUTT, ART - 1968  
FLORIDA'S PRIMITIVE SURVIVOR  
FLA WILDLIFE  
22(2)14-18, 6 FIGS
- 800504 LELLIOTT, DAVE - 1968  
SPAWNING SUCCESS WITH PELMATOCHROMIS ANNETENS  
PETFISH MONTHLY  
3(4)147, 1 FIG

- 800505 - 800530
- 800505 ALEXANDER, R MCNEILL - 1968  
HOW FAST IS A FISH?  
PETFISH MONTHLY  
3(4)148-149, 1 FIG
- 800506 ZUKAL, RUDOLF - 1968  
FOR THE KILLIFISH FANCIER APHYOSEMION  
NIGERIANUM  
PETFISH MONTHLY  
3(4)163-166, 8 FIGS
- 800507 HYND, J S - 1968  
HOW SEA SURFACE TEMPERATURE MAPS AID TUNA  
FISHERMEN  
AUST FISH NEWSLETT  
27(5)23-29, 10 FIGS
- 800508 NYGREN, AXEL; EDLUND, PER; HIRSCH, ULF;  
AHSGREN, LARS - 1968  
CYTOLOGICAL STUDIES IN PERCH (PERCA FLUVIATILIS  
L) PIKE- PERCH (LUCIOPERCA LUCIOPERCA L), AND  
RUFF (ACERINA CERNUA L)  
HEREDITAS  
59(2/3)518-524, 20 FIGS
- 800509 VOSS, J; RUWET, J CL - 1968  
CHEZ TILAPIA GUINEENSIS (BLKR 1863) (POISSON  
CICHLIDE), COMBAT, DANSE NUPTIALE ET  
REPRODUCTION  
SCI NATURE (PARIS)  
(86)14-18, 8 FIGS
- 800510 SHELTON, ANDREW L - 1968  
SPECIES DIVERSITY AND LONGITUDINAL SUCCESSION  
IN STREAM FISHES  
ECOLOGY  
49(2)193-198, 1 FIG, 4 TABLES
- 800511 GLASS, NORMAN R - 1968  
THE EFFECT OF TIME OF FOOD DEPRIVATION ON THE  
ROUTINE OXYGEN CONSUMPTION OF LARGEMOUTH BLACK  
BASS (MICROPTERUS SALMOIDES)  
ECOLOGY  
49(2)340-343, 1 FIG, 2 TABLES
- 800512 WILLIS, FINLEY JR - 1968  
EFFECTS OF LAKE DRAWDOWNS ARE STUDIED--HOPE TO  
DETERMINE HOW FISHING WITHIN LAKES MAY BE  
AFFECTED  
KY HAPPY HUNTING GROUND  
24(3)2-4, 3 FIGS
- 800513 BUSS, KEEN - 1968  
ON WARMWATER FISHES, FACTS ABOUT PRODUCTION AND  
STOCKING  
KY HAPPY HUNTING GROUND  
24(3)26-28, 2 FIGS
- 800514 RAHMANN, HINRICH; PETZELT, CHRISTIAN - 1968  
ABGABE VON NICHT-SEROGENEN PROTEINEN AUS DEM  
AUSDIFFERENZIIERTEN ZNS VON TELEOSTEERN AN DIE  
CEREBROSPINALFLUSSIGKEIT (CSF)  
PFLUGERS ARCH GESAMTE PHYSIOL MENSCHEN TIERE  
303(2)181-192, 4 FIGS
- 800515 LICHT, LAWRENCE E - 1968  
UNPALATABILITY AND TOXICITY OF TOAD EGGS  
HERPETOLOGICA  
24(2)93-98
- 800516 CORNELL, J HARRY - 1968  
HOW FISH BREATHE  
WILDLIFE NC  
32(5)20-22, 4 FIGS
- 800517 LOUDER, DARRELL E - 1968  
SUCCESS!  
WILDLIFE NC  
32(5)23-24, 2 FIGS
- 800518 CHERVINSKI, JONATHAN; HEPHER, B; TAGARI, H
- 1968  
STUDIES ON CARP NUTRITION-II, EFFECT OF A  
PROTEIN-RICH DIET ON FISH YIELDS IN FARM PONDS  
BAMDIGEH  
20(1)6-15, 1 FIG, 5 TABLES
- 800519 LAVENTER, CH; DAGAN, Y; MIRE, D - 1968  
BIOLOGICAL OBSERVATIONS IN FISH PONDS IN THE  
NA'AMAN REGION, 1964-1965  
BAMDIGEH  
20(1)16-30, 2 FIGS, 9 TABLES
- 800520 PATTERSON, COLIN - 1968  
THE CAUDAL SKELETON IN LOWER LIASSIC  
PHOLIDOPHORID FISHES  
BRIT MUS (NATUR HIST) BULL GEOL  
16(5)22-239, 19 FIGS
- 800521 FOLLETT, W I - 1968  
FISH REMAINS FROM TWO SUBMERGED DEPOSITS IN  
TOMALES BAY, MARIN COUNTY, CALIFORNIA  
OCCAS PAP CALIF ACAD SCI  
(67)1-8, 3 FIGS
- 800522 ZUKAL, RUDA - 1968  
RASBORA HETEROMORPHA DUNCKER LAICHT  
AQUA TERRA  
5(3)19-22, 12 FIGS
- 800523 KOGA, SHIGEYUKI - 1968  
A STUDY OF THE FISHING CONDITION OF THE TUNA  
AND MARLIN IN THE TASMAN SEA  
J SHIMONOSEKI UNIV FISH  
16(2/3)51-70, 4 FIGS, 7 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800524 TAWARA, SATORU; SAKURAI, GORO; FUJISHI, AKIO;  
OMURA, KAZUYUKI - 1968  
ECHO-SURVEY OF TUNA FISHING GROUND IN THE  
WESTERN PACIFIC OCEAN-I, ANALYSIS OF  
ECHO-SOUNDER RECORDS OF THE D S L, S L AND TUNA  
TRACES  
J SHIMONOSEKI UNIV FISH  
16(2/3)71-80, 6 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800525 UEDA, TADASHI; NAGAOK, TETSUO - 1968  
STUDY ON THE DIET OF YELLOW-TAIL  
CULTIVATION-I, FATTY ACID COMPOSITION AND THE  
PROPERTIES OF LIPID EXTRACTED FROM COLD-STORED  
SAND-EEL  
J SHIMONOSEKI UNIV FISH  
16(2/3)101-108, 4 FIGS, 4 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800526 WALKER, BRAZ - 1968  
THE FISH WITH THE FOLDED MOUTH  
AQUARIUM  
1(10)4-5, 36-43, 18 FIGS
- 800527 SYMMES, ED - 1968  
THINK PINK, CONGO THAT IS  
AQUARIUM  
1(10)6-7, 44-49, 10 FIGS
- 800528 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART  
9  
AQUARIUM  
1(10)32-33 + 50-58 + 60-62, 7 FIGS
- 800529 GOLDSTEIN, ROBERT J - 1968  
THE NEW REDBELLED NOTHOBRANCHIUS  
AQUARIUM  
1(9)6-7, 42-45, 3 FIGS
- 800530 HARRISON, RICHARD C - 1968  
TILAPIA MOSSAMBICA  
AQUARIUM  
1(9)8-9 + 38-41, 7 FIGS

- 800531 KLEE, ALBERT J - 1968  
**A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 8**  
AQUARIUM  
1(9)34-35,50-55, 6 FIGS
- 800532 KLEE, ALBERT J - 1968  
**A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 9**  
AQUARIUM  
1(10)36-37,52-57, 7 FIGS
- 800533 CURRIER, JERRY; SMITH, MARTY - 1968  
**THE BLACK NEON**  
TROPICAL FISH HOBBYIST  
16(12)4-7 + 81, 3 FIGS
- 800534 AXELROD, HERBERT R - 1968  
**CARE AND BREEDING OF THE CROAKING GOURAMI, TRICHOPSIS VITTATUS**  
TROPICAL FISH HOBBYIST  
16(12)8-13, 7 FIGS
- 800535 NORTON, JOANNE - 1968  
**FANCY BLACK SWORDTAILS**  
TROPICAL FISH HOBBYIST  
16(11)4-7, 4 FIGS
- 800536 LINDNER, HEINZ - 1968  
**ANOTHER VIEWPOINT ON BREEDING DISCUS**  
TROPICAL FISH HOBBYIST  
16(11)8-11 + 84 + 86, 2 FIGS
- 800537 RICHTER, HANS JOACHIM - 1968  
**OBSERVATIONS OF APISTOGRAMMA TRIFASCIATUM TRIFASCIATUM**  
TROPICAL FISH HOBBYIST  
16(10)12-14 + 17, 4 FIGS
- 800538 RODMAN, DUANE T - 1968  
**SOUND PRODUCTION BY THE AFRICAN CICHLID TILAPIA MOSSAMBICA**  
TROPICAL FISH HOBBYIST  
16(10)25-26, 3 FIGS
- 800539 AXELROD, HERBERT R - 1968  
**NOTHOBRANCHIUS RACHOVI**  
TROPICAL FISH HOBBYIST  
16(10)91-94 + 98, 8 FIGS
- 800540 BENNINGER, HUGO - 1968  
**MY EXPERIENCES WITH CARDINAL TETRAS**  
TROPICAL FISH HOBBYIST  
16(9)4-7 + 25 + 27, 5 FIGS
- 800541 ZUKAL, RUDOLF - 1968  
**NANNOSTOMUS MARGINATUS, THE DWARF PENCILFISH**  
TROPICAL FISH HOBBYIST  
16(9)14-19, 13 FIGS
- 800542 SIMPSON, M J A - 1968  
**THE DISPLAY OF THE SIAMESE FIGHTING FISH, BETTA SPLENENS**  
ANIM BEHAV MONOGR  
1(1)1-73, 20 FIGS, 17 TABLES
- 800543 VADZIS, D I; KACHALOVA, O; SLOKA, J - 1968  
**PECULIARITIES OF FISH FEEDING AS RELATED TO FOOD SUPPLY AND PROSPECTS OF PISCICULTURE IN LAKE RUSONU**  
LATV PADOMJU SOC REPUB ZINAT AKAD VESTIS  
4(24)968-80, 1 FIG, 7 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800544 JARA, ZBIGNIEW - 1968  
**POLISH GENERAL PARASITOLOGY DURING THE PERIOD OF 1964-1967**  
MONOGR PARAZYTOL  
(6)57-90
- 800545 BARLOW, GEORGE W - 1968  
**DITHER, A WAY TO REDUCE UNDESIRABLE FRIGHT BEHAVIOR IN ETHOLOGICAL STUDIES**  
Z TIERPSYCHOL  
25(3)315-318
- 800546 KUENZER, PETER - 1968  
**DIE AUSLOSUNG DER NACHFOLGEREAKTION BEI ERFAHRUNGSLOSEN JUNGFISCHEN VON NANNACARA ANOMALA (CICHLIDAE)**  
Z TIERPSYCHOL  
25(3)257-314, 35 FIGS, 4 TABLES
- 800547 KOPKE, HANSJURGEN - 1968  
**DAS MANNEQUIN DIE WANDLUNGSFAHIGKEIT EINES AFRIKANISCHEN BUNTBARSCHE**  
AQUARIEN MAG  
(7)267-269, 3 FIGS
- 800548 WEISS, WALTRAUD - 1968  
**AUS DEM PRIVATLEBEN DES ROTEN KARDINAL FISCHES**  
AQUARIEN MAG  
(7)270-273, 6 FIGS
- 800549 ZUKAL, RUDA - 1968  
**EIN SCHEUES LIEBESPAAR, SO ZUCHTET RIVULUS HOLMIAE**  
AQUARIEN MAG  
(7)292-294, 7 FIGS
- 800550 FRANK, STANISLAV - 1968  
**DER AUGENLOSE, DER BLINDE HOHLENSALMLER KOMMT NICHT BLIND ZUR WELT**  
AQUARIEN MAG  
(7)299-301, 7 FIGS
- 800551 DOGS, CHRISTA - 1968  
**AUCH GUPPYS KONNEN SCHILDER LESEN, DRESSURVERSUCHE MIT POECILIA RETICULATA (LEBISTES RETICULATUS)**  
AQUARIEN MAG  
(7)302-303, 3 FIGS
- 800552 LOWENSTEIN, O; OSBORNE, M P; THORNHILL, R A - 1968  
**THE ANATOMY AND ULTRASTRUCTURE OF THE LABYRINTH OF THE LAMPREY (LAMPETRA FLUVIATILIS L)**  
PROC ROY SOC SER B BIOL SCI  
170(1019)113-134, 44 FIGS
- 800553 VAN DEN SANDE, A P - 1968  
**ETRANGES FORMES DE SYMBIOSE**  
ZOO  
33(3/4)154-156, 4 FIGS
- 800554 RASTOGI, RAKESH K - 1968  
**OBSERVATIONS ON THE SPERMATOPHYTES OF THE FRESHWATER SPINY EEL, MACROGNATHUS ACULEATUM (BLOCH), DURING THE REPRODUCTIVE CYCLE**  
ACTA BIOL ACAD SCI HUNG  
19(2)239-253, 18 FIGS, 1 TABLE
- 800555 ANONYMOUS - 1968  
**REPORT, OCEANOGRAPHICAL INVESTIGATION, (JAN 1949-DEC 1950 COLLECTED)**  
REP OCEANOGR INVEST, FISH AGENCY (TOKYO)  
(73/74)S + 1-S + 60, 3 TABLES
- 800556 EMERY, ALAN R - 1968  
**PRELIMINARY OBSERVATIONS ON CORAL REEF PLANKTON**  
LIMNOL OCEANOGR  
13(2)293-303, 6 FIGS
- 800557 MCCONNELL, WILLIAM J - 1968  
**LIMNOLOGICAL EFFECTS OF ORGANIC EXTRACTS OF LITTER IN A SOUTHWESTERN IMPOUNDMENT**  
LIMNOL OCEANOGR  
13(2)343-349, 1 FIG, 4 TABLES
- 800558 WELLS, J M; WARINNER, J E - 1968  
**A RECORDING VOLUMETRIC RESPIROMETER FOR AQUATIC**

- ANIMALS**  
LIMNOL OCEANOGR  
13(2)376-378, 2 FIGS
- 1968  
**WATER AND ION MOVEMENT ACROSS THE GAS BLADDER OF TWO PHYSOSTOMOUS FRESH-WATER TELEOSTS**  
COMP BIOCHEM PHYSIOL  
25(3)937-942, 2 TABLES
- 800559 WILLIAMS, GEORGE C - 1968  
**BATHYMETRIC DISTRIBUTION OF PLANKTONIC FISH EGGS IN LONG ISLAND SOUND**  
LIMNOL OCEANOGR  
13(2)382-385, 1 FIG, 1 TABLE
- 800572 THORNBUR, E J; OLIVER, I T; SCUTT, P B - 1968  
**COMPARATIVE ELECTROPHORETIC PATTERNS OF DEHYDROGENASES IN DIFFERENT SPECIES**  
COMP BIOCHEM PHYSIOL  
25(3)973-987, 1 FIG, 6 TABLES
- 800560 MCLEAN, FRANKLIN C; URIST, MARSHALL R - 1968  
**BONE, FUNDAMENTALS OF THE PHYSIOLOGY OF SKELETAL TISSUE**  
THE UNIVERSITY OF CHICAGO PRESS, CHICAGO AND LONDON  
3RD ED XXI + 314
- 800573 TERNER, CHARLES - 1968  
**STUDIES OF METABOLISM IN EMBRYONIC DEVELOPMENT-III, GLYCOGENOLYSIS AND GLUCONEOGENESIS IN TROUT EMBRYOS**  
COMP BIOCHEM PHYSIOL  
25(3)989-1003, 7 TABLES
- 800561 HOCHACHKA, P W - 1968  
**ACTION OF TEMPERATURE ON BRANCH POINTS IN GLUCOSE AND ACETATE METABOLISM**  
COMP BIOCHEM PHYSIOL  
25(1)107-118, 3 FIGS, 3 TABLES
- 800574 BROWN, ELISE ANN BRANDENBURGER; TRAMS, EBERHARD G - 1968  
**CATECHOLAMINE METABOLISM IN ELASMOBRANCH INTERRENAL BODY**  
COMP BIOCHEM PHYSIOL  
25(3)1099-1105, 1 FIG, 3 TABLES
- 800562 MOUNIB, M S; EISAN, J S - 1968  
**BIOSYNTHESIS OF LIPIDS BY SALMON SPERM FROM PYRUVATE, ACETATE AND GLYOXYLATE**  
COMP BIOCHEM PHYSIOL  
25(1)193-200, 3 TABLES
- 800575 MCMULLIN, GARY F; SMITH, SAMUEL C; WRIGHT, PAUL A - 1968  
**TISSUE FATTY ACID COMPOSITION IN FOUR DIVERSE VERTEBRATE SPECIES**  
COMP BIOCHEM PHYSIOL  
26(1)211-221, 4 TABLES
- 800563 DOYLE, J - 1968  
**AGEING CHANGES IN CARTILAGE FROM SQUALUS ACANTHIAS L**  
COMP BIOCHEM PHYSIOL  
25(1)201-206, 1 FIG, 1 TABLE
- 800576 SOMERO, GEORGE N; GIESE, ARTHUR C; WOHLISCHLAG, DONALD E - 1968  
**COLD ADAPTATION OF THE ANTARCTIC FISH TREMATOMUS BERNACCHII**  
COMP BIOCHEM PHYSIOL  
26(1)223-233, 3 FIGS, 3 TABLES
- 800564 ECKSTEIN, BENJAMIN; EYLATH, URI - 1968  
**STEROIDOGENESIS IN TESTICULAR TISSUE OF A TELEOST MUGIL CEPHALUS**  
COMP BIOCHEM PHYSIOL  
25(1)207-212, 1 FIG, 2 TABLES
- 800577 MACKAY, W C; BEATTY, D D - 1968  
**THE EFFECT OF TEMPERATURE ON RENAL FUNCTION IN THE WHITE SUCKER FISH, CATOSTOMUS COMMERSONI**  
COMP BIOCHEM PHYSIOL  
26(1)235-245, 6 FIGS
- 800565 BUHLER, DONALD R; RASMUSSEN, MARY E - 1968  
**THE OXIDATION OF DRUGS BY FISHES**  
COMP BIOL PHYSIOL  
25(1)223-239, 8 FIGS, 7 TABLES
- 800578 WEDEMEYER, GARY - 1968  
**UPTAKE AND DISTRIBUTION OF ZN65 IN THE COHO SALMON EGG (ONCORHYNCHUS KISUTCH)**  
COMP BIOCHEM PHYSIOL  
26(1)271-279, 8 FIGS, 4 TABLES
- 800566 MASSEY, B D; SMITH, C L - 1968  
**THE ACTION OF THYROXINE ON MITOCHONDRIAL RESPIRATION AND PHOSPHORYLATION IN THE TROUT (SALMO TRUTTA FARIO L)**  
COMP BIOCHEM PHYSIOL  
25(1)241-255, 1 FIG, 4 TABLES
- 800579 GERMAIN, PAUL; GAGNON, ANDRE - 1968  
**A SIMPLE AND RELIABLE METHOD FOR OBTAINING LARGE BLOOD SAMPLES FROM THE ANAESTHETIZED HAGFISH**  
COMP BIOCHEM PHYSIOL  
26(1)371-375, 1 TABLE
- 800567 WILSON, ALLAN C; ARNHEIM, NORMAN - 1968  
**A SMALL MOLECULE IN HAGFISH TISSUES POSSIBLY RELATED TO THE CARDIAC AGENT EPTATRETIN**  
COMP BIOCHEM PHYSIOL  
25(1)359-362, 2 FIGS
- 800580 SMITH, DAVID G - 1968  
**THE OCCURRENCE OF LARVAE OF THE AMERICAN EEL, ANGUILLA ROSTRATA, IN THE STRAITS OF FLORIDA AND NEARBY AREAS**  
BULL MAR SCI  
18(2)280-293, 3 FIGS, 3 TABLES
- 800568 BELLAMY, D - 1968  
**METABOLISM OF THE RED PIRANHA (ROOSEVELTIELLA NATTERERI) IN RELATION TO FEEDING BEHAVIOUR**  
COMP BIOCHEM PHYSIOL  
25(1)343-347, 1 FIG, 1 TABLE
- 800581 FEDDERN, HENRY A - 1968  
**HYBRIDIZATION BETWEEN THE WESTERN ATLANTIC ANGELFISHES, HOLACANTHUS ISABELITA AND H CILIARIS**  
BULL MAR SCI  
18(2)351-382, 15 FIGS, 6 TABLES
- 800569 SMITH, C L - 1968  
**THE ACTION OF EDTA ON THE SUCCINOXIDASE SYSTEMS OF LIVER MITOCHONDRIA FROM LOWER VERTEBRATES**  
COMP BIOCHEM PHYSIOL  
25(3)805-820, 7 TABLES
- 800582 OVERSTREET, ROBIN M - 1968  
**PARASITES OF THE INSHORE LIZARDFISH, SYNODUS FOETENS, FROM SOUTH FLORIDA, INCLUDING A DESCRIPTION OF A NEW GENUS OF CESTODA**  
BULL MAR SCI  
18(2)444-470, 6 FIGS, 9 TABLES
- 800570 REAVES, ROBERT S; HOUSTON, A H; MADDEN, JANE A - 1968  
**ENVIRONMENTAL TEMPERATURE AND THE BODY FLUID SYSTEM OF THE FRESH WATER TELEOST-II. IONIC REGULATION IN RAINBOW TROUT, SALMO GAIARDNERI, FOLLOWING ABRUPT THERMAL SHOCK**  
COMP BIOCHEM PHYSIOL  
25(3)849-860, 4 FIGS
- 800583 BOHLKE, JAMES E; ROBINS, C RICHARD - 1968  
**THE EEL, NETTODARUS BREVIROSTRIS, IN THE WESTERN ATLANTIC**
- 800571 GRAHAM, CHARLES R JR; EDELHAUSER, HENRY F



- BULL MAR SCI  
18(2)477-480
- 800584 KRITSKY, D C; MIZELLE, JOHN D - 1968  
STUDIES ON MONOGENETIC TREMATODES, XXXV, SOME  
NEW AND PREVIOUSLY DESCRIBED NORTH AMERICAN  
SPECIES OF GYRODACTYLUS  
AMER MIDLAND NATUR  
79(1)205-215, 5 FIGS
- 800585 VOTH, DAVID R; LARSON, OMER R - 1968  
METAZOAN PARASITES OF SOME FISHES FROM GOOSE  
RIVER, NORTH DAKOTA  
AMER MIDLAND NATUR  
79(1)216-224
- 800586 MELVILLE, R V; CHINA, W E - 1968  
OPINION 846, MULLUS AURIFLAMMA FORSSKAL, 1775  
(PISCES) SUPPRESSED UNDER THE PLENARY POWERS  
BULL ZOOLOG NOMENCL  
25(1)14-15
- 800587 NIELSEN, JORGEN G; KLAUSEWITZ, WOLFGANG - 1968  
SIGANUS FORSSKAL, 1775 (PISCES, SIGANIDAE)  
PROPOSED VALIDATION UNDER THE PLENARY POWERS Z  
N (S) 1721  
BULL ZOOLOG NOMENCL  
25(1)26-28
- 800588 GERY, JACQUES - 1968  
COMMENTAIRES SUR HETEROTIS EHRENBERG, 1829, ET  
CLUPISUDIS SWAINSON, 1839, Z N (S) 1807  
BULL ZOOLOG NOMENCL  
25(1)64
- 800589 ROGERS, WILMER A - 1968  
EIGHT NEW SPECIES OF GYRODACTYLUS (MONOGENEA)  
FROM THE SOUTHEASTERN U S WITH REDESCRIPTIONS  
OF G FAIRPORTI VAN CLEAVE 1921 AND G CYPRINI  
DIAROVA 1964  
J PARASITOL  
54(3)490-495, 10 FIGS
- 800590 MCCAULEY, JAMES E - 1968  
SIX SPECIES OF LEPIDAPEDON STAFFORD 1904  
(TREMATODA LEPOCREADIIDAE) FROM DEEP-SEA FISHES  
J PARASITOL  
54(3)496-505, 18 FIGS, 1 TABLE
- 800591 TAUB, STEPHEN H - 1968  
OCCURRENCE OF EUSTRONGYLIDAE SP IN THE WHITE  
PERCH ROCCUS AMERICANUS  
J PARASITOL  
54(3)516
- 800592 KENNEDY, C R - 1968  
POPULATION BIOLOGY OF THE CESTODE  
CARYOPHYLLAEUS LATICEPS (PALLAS 1781) IN DACE  
LEUCISCUS LEUCISCUS L OF THE RIVER AVON  
J PARASITOL  
54(3)538-543, 3 FIGS, 3 TABLES
- 800593 MADHAVI, R - 1968  
A DIDYMOZOID METACERCARIA FROM THE COPEPOD  
PARACALANUS ACULEATUS GIESBRECHT FROM BAY OF  
BENGAL  
J PARASITOL  
54(3)629, 1 FIG
- 800594 STEIN, PAUL C - 1968  
NEW INTERMEDIATE FISH HOSTS FOR THE HETEROPHYID  
TREMATODES ASCOCOTYLE PACHYCYSTIS ASCOCOTYLE  
AMPULLACEA AND PHAGICOLA MACROSTOMUS  
J PARASITOL  
54(3)631
- 800595 NIEUWENHUIZEN, AREND VAN DEN - 1968  
DER SMARAGD-PANZERWEIS (BROCHIS COERULEUS COPE,  
1872)  
AQUA TERRA  
5(7)52-54, 1 FIG
- 800596 MCKEE, RUSSELL - 1968  
DEFEAT OF THE KILLER EEL  
AUDUBON MAG  
70(4)40-47, 8 FIGS
- 800597 NICKOL, BRENT B; HOLLOWAY, HARRY L JR - 1968  
MORPHOLOGY OF THE PRESOMA OF CORYNOSOMA  
HAMANNI  
(ACANTHOCEPHALA, POLYMORPHIDAE)  
J MORPHOL  
124(2)217-225, 9 FIGS
- 800598 BROCK, VERNON E; CHAMBERLAIN, THEODORE C - 1968  
A GEOLOGICAL AND ECOLOGICAL RECONNAISSANCE OFF  
WESTERN OAHU, HAWAII, PRINCIPALLY BY MEANS OF  
THE RESEARCH SUBMARINE ASHERAH  
PAC SCI  
22(3)373-394, 10 FIGS, 2 TABLES
- 800599 ANONYMOUS - 1968  
NEW MARINE PARKS  
AFRICANA  
3(6)11-13, 3 FIGS
- 800600 BERKA, ROLAND - 1968  
FOSSILIEN AUS DEM SOLNHOFENER SCHIEFER  
KOSMOS (STUTTGART)  
64(5)197-199, 2 FIGS
- 800601 OHNO, SUSUMU; WOLF, ULRICH; ATKIN, NIELS B  
1968  
EVOLUTION FROM FISH TO MAMMALS BY GENE  
DUPLICATION  
HEREDITAS  
59(1)169-187, 12 FIGS
- 800602 GOODY, PETER C - 1968  
THE SKULL OF ENCHODUS FAUJASI FROM THE  
MAASTRICHT OF SOUTHERN HOLLAND, I AND II  
KON NED AKAD WETENSCH PROC SER B PHYS SCI  
71(3)209-231, 9 FIGS
- 800603 WEISBART, MELVIN - 1968  
OSMOTIC AND IONIC REGULATION IN EMBRYOS,  
ALEVINS, AND FRY OF THE FIVE SPECIES OF PACIFIC  
SALMON  
CAN J ZOOLOG  
46(3)385-397, 9 FIGS, 3 TABLES
- 800604 HICKMAN, CLEVELAND P JR - 1968  
GLOMERULAR FILTRATION AND URINE FLOW IN THE  
EURYHALINE SOUTHERN FLOUNDER, PARALICHTHYS  
LETHOSTIGMA, IN SEAWATER  
CAN J ZOOLOG  
46(3)427-437, 5 FIGS, 1 TABLE
- 800605 HICKMAN, CLEVELAND P JR - 1968  
URINE COMPOSITION AND KIDNEY TUBULAR FUNCTION  
IN SOUTHERN FLOUNDER, PARALICHTHYS LETHOSTIGMA,  
IN SEAWATER  
CAN J ZOOLOG  
46(3)439-455, 4 FIGS, 2 TABLES
- 800606 HICKMAN, CLEVELAND P JR - 1968  
INGESTION, INTESTINAL ABSORPTION, AND  
ELIMINATION OF SEAWATER AND SALTS IN THE  
SOUTHERN FLOUNDER, PARALICHTHYS LETHOSTIGMA  
CAN J ZOOLOG  
46(3)457-466, 1 FIG, 5 TABLES
- 800607 FISCHER, HARTWIG - 1968  
THE LIFE CYCLE OF PROTEOCEPHALUS FLUVIATILIS  
BANGHAM (CESTODA) FROM SMALLMOUTH BASS  
MICROPTERUS DOLOMIEUI LACEPEDE  
CAN J ZOOLOG  
46(3)569-579, 12 FIGS, 7 TABLES
- 800608 KOBAYASHI, H; ALI, M A - 1968  
ELECTRORETINOGRAM OF THE SUNFISH (LEPOMIS  
GIBBOSUS L)  
CAN J ZOOLOG  
46(3)605-607, 2 FIGS

800609 - 800635	<p><b>800609</b> ABBOTT, FRANK S; SCHWARTZ, FRANK J - 1968 OBSERVATIONS ON AIR SHIPMENTS AND EXPERIMENTAL USE OF THE CYPRINODONT FISH FUNDULUS HETEROCLITUS CAN J ZOOL 46(3)611-613, 1 TABLE</p> <p><b>800610</b> WIEBE, JOHN P - 1968 A TECHNIQUE FOR GONADECTOMY IN THE SEAPERCH CYMATOGASTER AGGREGATA CAN J ZOOL 46(3)613-614, 1 FIG</p> <p><b>800611</b> GUNDERSON, DONALD R - 1968 FLOODPLAIN USE RELATED TO STREAM MORPHOLOGY AND FISH POPULATIONS J WILDLIFE MANAGE 32(3)507-514, 3 FIGS, 5 TABLES</p> <p><b>800612</b> PROWSE, G A - 1968 POLLUTION IN MALAYAN WATERS MALAYAN NATURE J 21(3)149-158</p> <p><b>800613</b> GAUBERT, HENRI - 1968 LES GIRELLES BETES ET NATURE (54)38-39, 2 FIGS</p> <p><b>800614</b> RAO, B V SESHAGIRI - 1968 SYSTEMATIC STUDIES ON ANABAS TESTUDINEUS (BL 1792) AND A. OLIGOLEPIS BLKR 1855 PROC INDIAN ACAD SCI SECT B 67(5)207-214, 1 TABLE, 1 FIG</p> <p><b>800615</b> KEWALRAMANI, H G; GOGATE, M. G - 1968 ANESTHETISATION IN FISH--TILAPIA AND MAJOR CARPS PROC INDIAN ACAD SCI SECT B 67(5)237-246, 2 TABLES</p> <p><b>800616</b> GREENWOOD, P H - 1968 THE OSTEOLOGY AND RELATIONSHIPS OF THE DENTICIPITIDAE A FAMILY OF CLUPEOMORPH FISHES BRIT MUS (NATUR HIST) BULL ZOOL 16(6)215-273, 34 FIGS</p> <p><b>800617</b> JOHANSEN, KJELL; LENFANT, CLAUDE; HANSON, DAVID 1968 CARDIOVASCULAR DYNAMICS IN THE LUNGFISHES Z VERGL PHYSIOL 59(2)157-186, 23 FIGS, 1 TABLE</p> <p><b>800618</b> POTTS, D C; MORRIS, R W - 1968 SOME BODY FLUID CHARACTERISTICS OF THE ANTARCTIC FISH, TREMATOMUS BERNACCHII MAR BIOL (BERLIN) 1(4)269-276, 6 FIGS, 5 TABLES</p> <p><b>800619</b> YAMASHITA, H - 1968 ELECTROPHORETIC PATTERNS OF SERUM PROTEINS IN THE BLOOD OF FOUR SPECIES OF PUFF-FISH, GENUS FUGU, AND THEIR F1 HYBRIDS MAR BIOL (BERLIN) 1(4)277-281, 3 FIGS, 1 TABLE</p> <p><b>800620</b> PORTMANN, JOHN E; CONNOR, P M - 1968 THE TOXICITY OF SEVERAL OIL-SPILL REMOVERS TO SOME SPECIES OF FISH AND SHELLFISH MAR BIOL (BERLIN) 1(4)322-329, 5 FIGS, 4 TABLES</p> <p><b>800621</b> BOUVET, JEAN - 1968 HISTOGENESE PRECOCE ET MORPHOGENESE DU SQUELETTE CARTILAGINEUX DES CEINTURES PRIMAIRES ET DES NAGEOIRES PAIRES CHEZ LA TRUITE (SALMO TRUTTA FARIO L) ARCH ANAT MICROSC MORPHOL EXP 57(1)35-51, 8 FIGS, 1 TABLE</p> <p><b>800622</b> LINSS, W - 1968</p>	<p><b>LICHT- UND ELEKTRONENOPTISCHE BEFUNDE AM GLOMERULUS DER NIERE DES HECHTES (ESOX LUCIUS L) ANAT ANZ 122(5)428-448, 14 FIGS</b></p> <p><b>800623</b> DAWSON, C E - 1968 AN ADVENTITIOUS DORSAL FIN-RAY IN MICROGOBIUS GULOSUS (PISCES GOBIIDAE) ANAT ANZ 122(5)498-501, 2 FIGS</p> <p><b>800624</b> HARTMAN, J E - 1968 THAT LOVABLE LITTLE SEA MONSTER NAT WILDLIFE 6(5)20-21, 1 FIG</p> <p><b>800625</b> KIRKPATRICK, DICK - 1968 THE COMING SALMON BOOM NAT WILDLIFE 6(5)42-45, 7 FIGS</p> <p><b>800626</b> ELLISON, N F; CHUBB, J C - 1968 THE SMELT OF ROSTHERNE MERE, CHESHIRE PUB LANCS CHES FAUNA SOC (53)7-16, 4 FIGS</p> <p><b>800627</b> ELLISON, N F; MCMILLAN, N F - 1968 THE FAUNA OF THE MARINE LAKE AT WEST KIRBY, CHESHIRE PUB LANCS CHES FAUNA SOC (53)19-23</p> <p><b>800628</b> WUNDER, WILHELM - 1968 RONTGENSTUDIEN UBER DEN FEINBAU DER WIRBEL VERSCHIEDENER KNOCHENFISCHARTEN VERH DEUT ZOOL GES 31:224-245, 21 FIGS</p> <p><b>800629</b> REINBOTH, RUDOLF - 1968 ZUM PROBLEM DER AMPHISEXUELLEN FISCHE VERH DEUT ZOOL GES 31:316-325, 8 FIGS</p> <p><b>800630</b> SCHALLER, FRIEDRICH - 1968 DIE LAUTERZEUGUNG DES JARAQUI, PROCHILODUS INSIGNIS SCHOMBURGK 1841 (PISCES, CHARACOIDEI, ANOSTOMIDAE) VERH DEUT ZOOL GES 31:365-370, 7 FIGS</p> <p><b>800631</b> DORN, EMMI - 1968 SCHWIMMBLASENBLAU UND LEBENSWEISE DER OSTEOGLOSSIDEN VERH DEUT ZOOL GES 31:370-380, 12 FIGS, 1 TABLE</p> <p><b>800632</b> MAGNUS, DIETRICH B E - 1968 DER DEUTUNG DER IGELSTELLUNG BEIM JUNGFISCH-SCHWARM DES KORALLENWELSES, PLOTOSUS ANGUILLARIS (BLOCH) (PISCES, NEMATOGNATHI, PLOTOSIDAE), IM BIOTOP VERH DEUT ZOOL GES 31:402-409, 5 FIGS</p> <p><b>800633</b> SCHRODER, JOHANNES HORST - 1968 STRAHLENINDUZIERTE MUTATIONEN BEIM GUPPY, LEBISTES RETICULATUS PETERS VERH DEUT ZOOL GES 31:461-479, 5 FIGS, 4 TABLES</p> <p><b>800634</b> BERGERHOFF, K; HANKE, W - 1968 DIE REGULATION DES KOHLENHYDRATSTOFFWECHSELS DURCH NEBENNIERENRINDEN-HORMONE BEI ANUREN UND FISCHEN VERH DEUT ZOOL GES 31:530-541, 7 FIGS</p> <p><b>800635</b> FIEDLER, KURT - 1968 VERHALTENSWIRKSAME STRUKTUREN IM FISCHGEHIRN VERH DEUT ZOOL GES</p>
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- 800636** SCHIPP, R; SCHAFER, A - 1968  
BEZIEHUNGEN ZWISCHEN ULTRASTRUKTUR UND FUNKTION  
DES BRUTBEUTELEPITHELS VON HIPPOCAMPUS KUDA  
VERH DEUT ZOOL GES  
31:707-717, 7 FIGS
- 800637** HARDER, WILHELM - 1968  
ZUM AUFBAU DER EPIDERMALEN SINNESORGANE DER  
MORMYRIDAE (MORMYRIFORMES, TELEOSTEI)  
Z ZELLFORSCH  
89(2):212-224, 6 FIGS, 1 TABLE
- 800638** SUSLOWSKA, WIESLAWA - 1968  
THE MORPHOLOGY OF OSSEOUS REMNANTS OF  
CYPRINIDAE FISHES EXCAVATED IN THE MAIN GDANSK  
STAND  
ZOOL POL  
18(2):171-207, 37 FIGS, 4 TABLES
- 800639** SLOMIANKO, MARIA - 1968  
TYROSINE AND DOPA REACTIONS IN VITRO WITH THE  
TISSUES OF THE CAUDAL FIN AND AMELANOTIC  
MELANOMA OF THE ALBINO SWORDTAILS (XIPHOPHORUS  
HELLERI HECKEL)  
ZOOL POL  
18(2):211-218, 5 FIGS
- 800640** BYCZKOWSKA-SMYK, WANDA - 1968  
OBSERVATION OF THE ULTRASTRUCTURE OF THE  
HEPATIC CELLS OF THE BURBOT (LOTA LOTA L)  
ZOOL POL  
18(2):287-295, 3 FIGS
- 800641** FOSS, GUNVOR - 1968  
BEHAVIOUR OF MYXINE GLUTINOSA L IN NATURAL  
HABITAT. INVESTIGATION OF THE MUD BIOTOPE BY A  
SUCTION TECHNIQUE  
SARSIA  
(31):1-13, 2 FIGS
- 800642** HARDER, WILHELM - 1968  
DIE BEZIEHUNGEN ZWISCHEN ELEKTROREZEPTOREN  
ELEKTRISCHES ORGAN, SEITENLINIENORGANEN UND  
NERVENSYSTEM BEI DEN MORMYRIDAE (TELEOSTEI,  
PISCES)  
Z VERGL PHYSIOL  
59(3):272-318, 21 FIGS, 7 TABLES
- 800643** CORNELL, J HARRY - 1968  
WHERE FISH FEED  
WILDLIFE NC  
32(7):8-10, 3 FIGS
- 800644** GRABDA, EUGENIUSZ; WALUGA, DANUTA - 1968  
CONTRIBUTION A LA PATHOLOGIE DE L'ESTURGEON  
OCCIDENTAL- ACIPENSER STURIO L  
ACTA HYDROBIOL  
10(1/2):131-135, 4 FIGS  
IN POLISH WITH FRENCH SUMMARY
- 800645** PENCZAK, TADEUSZ - 1968  
THE DACE, LEUCISCUS LEUCISCUS (L) FROM THE LODZ  
UPLAND AND ADJACENT AREAS, PART 2, MATERIALS TO  
THE KNOWLEDGE OF THE MORPHOLOGY OF DACE  
ACTA HYDROBIOL  
10(1/2):137-153, 11 TABLES  
IN POLISH WITH ENGLISH SUMMARY
- 800646** WOJCIK-MIGALA, IRENA - 1968  
THE INFLUENCE OF TWO AND THREE YEAR OLD CARP  
UPON THE BENTHOS OF PONDS  
ACTA HYDROBIOL  
10(1/2):179-203, 8 FIGS, 6 TABLES  
IN POLISH WITH ENGLISH SUMMARY
- 800647** FLIS, JOZEF - 1968  
ANATOMICOHISTOPATHOLOGICAL CHANGES INDUCED IN  
CARP (CYPRINUS CARPIO L) BY AMMONIA WATER, PART  
I, EFFECTS OF TOXIC CONCENTRATIONS  
ACTA HYDROBIOL  
10(1/2):205-224, 14 FIGS, 3 TABLES
- 800648** FLIS, JOZEF - 1968  
ANATOMICOHISTOPATHOLOGICAL CHANGES INDUCED IN  
CARP (CYPRINUS CARPIO L) BY AMMONIA WATER, PART  
II, EFFECTS OF SUBTOXIC CONCENTRATIONS  
ACTA HYDROBIOL  
10(1/2):225-238, 10 FIGS
- 800649** SKORA, STANISLAW - 1968  
AUSWIRKUNG DER RUCKKREUZUNG ZWISCHEN  
MISCHLINGEN VON KARPFFEN (CYPRINUS CARPIO L) UND  
KARAUSCHEN (CARASSIUS CARASSIUS L) AUF WACHSTUM  
UND VARIABILITAT DER  
NACHKOMMENSCHAFTS-POPULATIONEN  
ACTA HYDROBIOL  
10(1/2):239-257, 4 FIGS, 7 TABLES
- 800650** MCDUGAL, K B JR; HOLOWACH, J; HOWE, M C;  
JONES, E M; THOMAS, C A - 1968  
THE EFFECTS OF ANOXIA UPON ENERGY SOURCES AND  
SELECTED METABOLIC INTERMEDIATES IN THE BRAINS  
OF FISH, FROG AND TURTLE  
J NEUROCHEM  
15(7):577-588, 10 FIGS, 1 TABLE
- 800651** COWAN, C MICHAEL - 1968  
THE HEMOGLOBIN OF THE BULL SHARK, CARCHARHINUS  
LEUCAS  
PROC NEBR ACAD SCI  
78:3
- 800652** WALLACE, CHARLES R - 1968  
SOUND PRODUCTION BY THE BLACK BULLHEAD,  
ICTALURUS MELAS  
PROC NEBR ACAD SCI  
78:8
- 800653** FISCHTHAL, JACOB H; THOMAS, J D - 1968  
DIGENETIC TREMATODES OF SOME FRESHWATER AND  
MARINE FISHES FROM GHANA  
PROC HELMINTHOL SOC WASH  
35(2):126-140, 16 FIGS
- 800654** DURIO, WALTER O; MANTER, HAROLD W - 1968  
SOME DIGENETIC TREMATODES OF MARINE FISHES OF  
NEW CALEDONIA, PART I, BUCEPHALIDAE,  
MONORCHIIDAE, AND SOME SMALLER FAMILIES  
PROC HELMINTHOL SOC WASH  
35(2):143-153, 16 FIGS
- 800655** MACKIEWICZ, JOHN S - 1968  
ISOGLARIDACRIS HEXACOTYLE COMB N (CESTOIDEA,  
CARYOPHYLLIDAE) FROM CATOSTOMID FISHES IN  
SOUTHWESTERN NORTH AMERICA  
PROC HELMINTHOL SOC WASH  
35(2):193-196, 8 FIGS
- 800656** PAPERNA, ILAN - 1968  
ONCHOBDELLA N GEN NEW GENUS OF MONOGENETIC  
TREMATODES (DACTYLOGYRIDAE, BYCHOWSKI 1933)  
FROM CICHLID FISH FROM WEST AFRICA  
PROC HELMINTHOL SOC WASH  
35(2):200-206, 4 FIGS, 1 TABLE
- 800657** LUMSDEN, RICHARD D - 1968  
ULTRASTRUCTURE OF THE METACERCARIAL CYST OF  
ASCOCOTYLE CHANDLERI LUMSDEN, 1963 (TREMATODA,  
HETEROPHYIDAE)  
PROC HELMINTHOL SOC WASH  
35(2):212-218, 9 FIGS
- 800658** FISCHTHAL, JACOB H; THOMAS, J D - 1968  
DIGENETIC TREMATODES OF MARINE FISHES FROM  
GHANA, FAMILIES ACANTHOCOLPIDAE, BUCEPHALIDAE,  
DIDYMOZOIDAE  
PROC HELMINTHOL SOC WASH  
35(2):237-247, 11 FIGS
- 800659** ZUKAL, RUDA - 1968  
CORYDORAS SCHULTZEI  
AQUARIEN TERRARIEN Z  
21(8):239-241, 12 FIGS
- 800660** KEMMER, WOLFGANG - 1968

- FISCHFANG IN 10 SEKUNDEN, ELEKTROFISCHEREI IM AQUARIUM**  
AQUARIEN TERRARIEN Z  
21(8)254-256, 2 FIGS
- 800661** YAMAMOTO, TOKI-O; TAKEUCHI, KUNISUKE;  
TAKAI, MASAYUKI - 1968  
**MALE-INDUCING ACTION OF ANDROSTERONE AND TESTOSTERONE PROPIONATE UPON XX ZYGOTES IN THE MEDAKA, ORYZIAS LATIPES**  
EMBRYOLOGIA  
10(2)116-125, 3 TABLES
- 800662** UWA, HIROSHI - 1968  
**HORMONAL INHIBITIONS OF TESTOSTERONE-INDUCED PROCESS FORMATION IN ADULT FEMALES OF THE MEDAKA, ORYZIAS LATIPES**  
EMBRYOLOGIA  
10(2)147-154, 1 FIG, 4 TABLES
- 800663** POLLARD, JOHN E - 1968  
**THE GASTRIC CONTENTS OF AN ICHTHYOSAUR FROM THE LOWER LIAS OF LYME REGIS, DORSET**  
PALAEONTOLOGY  
2(3)376-388, 6 FIGS, 1 TABLE
- 800664** MISRA, P M - 1968  
**INTERRELATION BETWEEN YOLK PRESERVATION AND BLASTODISC FIXATION IN BROOK TROUT EGGS**  
STAIN TECHNOL  
43(4)241-242, 1 TABLE
- 800665** HOLCIK, JURAJ; DUYVENE DE WIT, J J - 1968  
**CHARACTERISTICS OF PARACHEILOGNATHUS TABIRA AND RHODEUS SERICEUS AMARUS HYBRIDS**  
TRANS ROY SOC S AFR  
38(1)29-37, 4 FIGS, 3 TABLES
- 800666** HONMA, YOSHIHARU; DUYVENE DE WIT, J J - 1968  
**TERATOLOGICAL OBSERVATIONS IN ACHEILOGNATHINE SPECIES AND HYBRIDS (CYPRINIDAE). III. UNCOMMON DEFORMITIES IN EIGHT ADULT SPECIMENS OF BITTERLING**  
TRANS ROY SOC S AFR  
38(1)39-44, 2 FIGS
- 800667** SINGH, T P; SATHYANESAN, A G - 1968  
**THYROID ACTIVITY IN RELATION TO PITUITARY THYROTROPIN LEVEL AND THEIR SEASONAL CHANGES UNDER NORMAL AND VARIED PHOTOPERIODS IN THE FRESHWATER TELEOST MYSTUS VITTATUS (BLOCH)**  
ACTA ZOOL (STOCKHOLM)  
49(1/2)47-56, 2 FIGS, 2 TABLES
- 800668** SAMUELSSON, BENGT; FERNHOLM, BO; FRIDBERG, GUNNAR - 1968  
**LIGHT MICROSCOPIC STUDIES ON THE NUCLEUS LATERALIS TUBERIS AND THE PITUITARY OF THE ROACH, LEUCISCUS RUTILUS, WITH REFERENCE TO THE NUCLEUS-PITUITARY RELATIONSHIP**  
ACTA ZOOL (STOCKHOLM)  
49(1/2)141-153, 6 FIGS, 1 TABLE
- 800669** FANGE, RAGNAR - 1968  
**THE FORMATION OF EOSINOPHILIC GRANULOCYTES IN THE OESOPHAGEAL LYMPHOMYELOID TISSUE OF THE ELASMOBRANCHS**  
ACTA ZOOL (STOCKHOLM)  
49(1/2)155-161, 4 FIGS, 1 TABLE
- 800670** PANT, M C; KHANNA, S S - 1968  
**MORPHOLOGY AND HISTOCYTOLOGY OF THE PITUITARY GLAND OF GLYPTOTHORAX PECTINOPTERUS (TELEOSTEI)**  
ACTA ZOOL (STOCKHOLM)  
49(1/2)177-187, 14 FIGS
- 800671** MORLOCK, NOEL L; BENAMY, DANIEL A;  
GRUNDFEST, HARRY - 1968  
**ANALYSIS OF SPIKE ELECTROGENESIS OF EEL ELECTROPLAQUES WITH PHASE PLANE AND IMPEDANCE MEASUREMENTS**  
J GEN PHYSIOL  
52(1)22-45, 10 FIGS, 1 TABLE
- 800672** BROMAGE, N R; SAGE, M - 1968  
**THE ACTIVITY OF THE THYROID GLAND OF POECILIA DURING THE GESTATION CYCLE**  
J ENDOCRINOL  
41(3)303-311, 2 FIGS, 2 TABLES
- 800673** BYZOV, A L; TRIFONOV, JU A - 1968  
**THE RESPONSE TO ELECTRIC STIMULATION OF HORIZONTAL CELLS IN THE CARP RETINA**  
VISION RES  
8(JULY)817-822, 4 FIGS
- 800674** WITKOVSKY, PAUL - 1968  
**THE EFFECT OF CHROMATIC ADAPTATION ON COLOR SENSITIVITY OF THE CARP ELECTRORETINOGRAM**  
VISION RES  
8(JULY)823-837, 8 FIGS
- 800675** BERNET-ROLLANDE, MARIE-CLAIRE - 1968  
**'LIAS CALCAIRE' DU CHAINON DE SAINT-CHINIAN (HERAULT), SUBDIVISIONS STRATIGRAPHIQUES ET CORRELATIONS REGIONALES**  
BULL SOC GEOL FR 7E SER  
9(2)198-211, 3 FIGS, 2 TABLES
- 800676** PALING, J E - 1968  
**A METHOD OF ESTIMATING THE RELATIVE VOLUMES OF WATER FLOWING OVER THE DIFFERENT GILLS OF A FRESHWATER FISH**  
J EXP BIOL  
48(3)353-544, 2 FIGS, 3 TABLES
- 800677** BAUER, RICHARD - 1968  
**UNTERSUCHUNGEN ZUR ENTLADUNGSTÄTIGKEIT UND ZUM BEUTEFANGVERHALTEN DES ZITTERWELSES MALAPTERURUS ELECTRICUS GMELIN 1789 (SILUROIDEA, MALAPTERURIDAE, LACEP 1803)**  
Z VERGL PHYSIOL  
371-402, 20 FIGS, 2 TABLES
- 800678** HOGENDOORN, W - 1968  
**AQUARIUM IN DE VRIJE NATUUR**  
AQUARIUM (DEN HAAG)  
39(2)26-29, 4 FIGS, 1 TABLE
- 800679** VERHOEF, H J - 1968  
**THAYERIA BOEHLKEI (VERVOLG)**  
AQUARIUM (DEN HAAG)  
39(1)2-7, (2)36-39, 5 FIGS
- 800680** SHIELDS, ROBERT J - 1968  
**EXPERIMENTAL INFESTATION OF FUNDULUS HETEROCLITUS (L) (PISCES) BY LERNAEA CYPRINACEA L (COPEPODA)**  
CRUSTACEANA  
15(1)111-112
- 800681** STEINERT, HARALD - 1968  
**DER MYTHOS VOM 'REICHTUM DER MEERE'**  
KOSMOS (STUTTGART)  
64(8)337-339, 1 FIG
- 800682** ORR, T S C - 1968  
**DISTRIBUTION AND SPECIFICITY OF THE PLEROCERCROID OF LIGULA INTESTINALIS (L) IN THE NORTHAMPTONSHIRE AREA**  
J HELMINTHOL  
42(1/2)117-124, 1 FIG, 2 TABLES
- 800683** OIKE, ALAN W - 1968  
**A NOTE ON THE DEVELOPMENT OF THE METACERCARIAL CYST OF HOLOSTEPHANUS LUHEI SZIDAT, 1936**  
J HELMINTHOL  
42(1/2)125-130, 6 FIGS, 1 TABLE
- 800684** WILLIAMS, H HARTFORD; RICHARDS, D H H - 1968  
**OBSERVATIONS ON PSEUDANISAKIS ROTUNDATA (RUDOLPHI, 1819) MOZGOVOI, 1950, A COMMON BUT LITTLE KNOWN NEMATODE PARASITE OF RAIA RADIATA DONOVAN IN THE NORTHERN NORTH SEA**  
J HELMINTHOL  
42(1/2)199-219, 25 FIGS

800685	ALBRECHT, HELMUT; APFELBACH, R; WICKLER, WOLFGANG - 1968 UBER DIE EIGENSTANDIGKEIT DER ART TILAPIA GRAHAMI BOULENGER, IHREN GRUBENBAU UND DIE ZUCHT IN EINEM SUSSWASSER (PISCES, CICHLIDAE) SENCKENBERGIANA BIOL 49(2)107-118, 6 FIGS	17(4)14-15, 1 FIG	800685 - 800709
800686	EASTER, S S JR - 1968 EXCITATION IN THE GOLDFISH RETINA, EVIDENCE FOR A NON- LINEAR INTENSITY CODE J PHYSIOL (LONDON) 195(2)253-271, 5 FIGS, 1 TABLE	800698	NAZAROV, L A - 1968 CONCERNING THE MECHANISM OF EXCITATION OF OLFACTORY RECEPTORS IN FISHES FIZIOL ZH SSSR IM I M SECHENOVA 54(7)824-831, 4 FIGS IN RUSSIAN WITH ENGLISH SUMMARY
800687	EASTER, S S JR - 1968 ADAPTATION IN THE GOLDFISH RETINA J PHYSIOL (LONDON) 195(2)273-281, 5 FIGS	800699	PETERS, WERNER - 1968 VORKOMMEN, ZUSAMMENSETZUNG UND FEINSTRUKTUR PERITROPHISCHER MEMBRANEN IM TIERREICH Z MORPHOL TIERE 62(1)9-57, 24 FIGS, 1 TABLE
800688	MUNSHI, J S DATTA; SINGH, B N - 1968 ON THE RESPIRATORY ORGANS OF AMPHIPHOUS CUCHIA (HAM BUCH) J MORPHOL 124(4)423-443, 13 FIGS, 3 TABLES	800700	MCCRIMMON, HUGH R - 1968 CARP IN CANADA FISH RES BOARD CAN BULL (165)IX + 1-94, 38 FIGS, 5 TABLES
800689	PFEIFFER, WOLFGANG - 1968 RETINA UND RETINOMOTORIK DER DIPNOI UND BRACHIOPTERYGII Z ZELLFORSCH 89(1)62-72, 3 FIGS	800701	MILES, ROGER S; WESTOLL, T STANLEY - 1968 THE PLACODERM FISH COCCOSTEUS CUSPIDATUS MILLER EX AGASSIZ FROM THE MIDDLE OLD RED SANDSTONE OF SCOTLAND TRANS ROY SOC EDINBURGH 67(9)373-488, 63 FIGS, 1 TABLE
800690	SARIG, S (ED) - 1968 BIBLIOGRAPHY ON FISHPONDS AND INLAND WATERS IN ISRAEL (EXCEPT LAKE KINNERETH AND THE DEAD SEA) BAMIDGHEH 20(2)1-39	800702	WHITE, ERROL I - 1968 DEVONIAN FISHES OF THE MAWSON-MULOCK AREA, VICTORIA LAND, ANTARCTICA TRANS-ANTARCTIC EXPED 1955-1958 SCI REP (16)1-33, 19 FIGS, 1 TABLE
800691	IKENOUE, HIROMU; MASUZAWA, HISASHI - 1968 AN ESTIMATION ON PARAMETERS OF GROWTH EQUATION BASING ON THE RESULTS OF TAGGING EXPERIMENTS OF THE JAPANESE ALFONSIN FISH BULL JAP SOC SCI FISH 34(2)97-102, 4 FIGS, 1 TABLE	800703	WHITTAKER, D E - 1968 MARINE FISHES AT SCARBOROUGH NATURALIST (LEEDS) (906)78
800692	FUKUSHO, KUNIHICO - 1968 THE SPECIFIC DIFFERENCE OF TEMPERATURE RESPONSES AMONG CICHLID FISHES GENUS TILAPIA BULL JAP SOC SCI FISH 34(2)103-111, 6 FIGS	800704	QUIGNARD, J P - 1968 RAPPORT ENTRE LA PRESENCE D'UNE 'GIBBOSITE FRONTALE' CHEZ LES LABRIDAE (POISSONS, TELEOSTEENS) ET LE PARASITE LEPOSPHILUS LABREI HESSE, 1866 (COPEPODE PHILICHTHYDAE) ANN PARASITOL HUM COMP 43(1)51-57, 7 FIGS, 1 TABLE
800693	TABETA, OSAME; TSUKAHARA, HIROSHI - 1968 ON THE MASS MORTALITY OF EGGS AND LARVAE OF PACIFIC SAURY CAUSED BY STRANDING IN NORTHERN KYUSHU BULL JAP SOC SCI FISH 34(2)123-129, 10 FIGS, 2 TABLES IN JAPANESE WITH ENGLISH SUMMARY	800705	GEIJSKES, D C - 1968 REVIEW OF MARINE BIOLOGICAL STUDIES ON THE GUYANA SHELF UITGAVEN NATUURWETENSCH STUD SURINAME NED ANTILLEN 10(48)137-152
800694	IWAI, TAMOTSU - 1968 NOTES ON THE PEAR-SHAPED CELL (RODLET CELL) IN THE EPITHELIUM OF THE DIGESTIVE TRACT OF FISHES BULL JAP SOC SCI FISH 34(2)133-137, 3 FIGS	800706	BERDYSHEV, G D; MAXIMOVICH, A A; DZIZENKO, A K - 1968 ULTRASTRUCTURE OF PARENCHYMA CELLS OF THE GORBUSHA (ONCORHYNCHUS GORBUSCHA WALB) LIVER AND ITS ALTERATIONS DURING SPAWNING MIGRATION TZITOLOGIJA I GENETIKA 2(3)219-225, 2 FIGS IN RUSSIAN WITH ENGLISH SUMMARY
800695	WENGER, T; TORK, I - 1968 STUDIES ON THE ORGANON VASCULOSUM LAMINAE TERMINALIS, II, COMPARATIVE MORPHOLOGY OF THE ORGANON VASCULOSUM LAMINAE TERMINALIS OF FISHES, AMPHIBIA, REPTILIA, BIRDS AND MAMMALS ACTA BIOL ACAD SCI HUNG 19(1)83-96, 13 FIGS	800707	THYS VAN DEN AUDENAERDE, D - 1968 DESCRIPTION OF A NEW PELMATOCHROMIS (PISCES, CICHLIDAE) FROM SIERRA LEONE REV ZOOL BOT AFR 77(3/4)335-345, 3 FIGS
800696	ABROSIMOVA, A M; VASINA, O G; GUMENYUK, S B - 1968 ON THE PROBLEM OF DISTANT ORIENTATION OF ROACH IN THE KIEV RESERVOIR VESTN ZOOL (3)20-23, 3 FIGS IN RUSSIAN WITH ENGLISH SUMMARY	800708	BAILEY, R G - 1968 A NEW SPECIES OF SYNODONTIS (MOCHOKIDAE) FROM TANZANIA, EAST AFRICA REV ZOOL BOT AFR 77(3/4)346-348, 1 FIG
800697	SEAMAN, WAYNE - 1968 I D FOR FISH COLO OUTDOORS	800709	THYS VAN DEN AUDENAERDE, D - 1968 A PRELIMINARY CONTRIBUTION TO A SYSTEMATIC REVISION OF THE GENUS PELMATOCHROMIS HUBRECHT SENSU LATO (PISCES, CICHLIDAE) REV ZOOL BOT AFR 77(3/4)349-391, 17 FIGS, 2 TABLES

800710 - 800734	800710	KOTTHAUS, ADOLF - 1968 FISCHE DES INDISCHEN OZEANS, ERGEBNISSE DER ICHTHYOLOGISCHEN, UNTERSUCHUNGEN WAHREND DER EXPEDITION DES FORSCHUNGSSCHIFFES 'METEOR' IN DEN INDISCHEN OZEAN, OKTOBER 1964 BIS MAI 1965, A SYSTEMATISCHER TIEL, III OSTARIOPHYSI UND APODES 'METEOR' FORSCHUNGSERGEB SER D (BIOL) (3)14-15	BESTIMMUNG DES SCHADLICHKEITSGRADES VON ABWASSERGIFTEN IN SUSS-, BRACK- UND SALZWASSER HELGOLAENDER WISS MEERESUNTERS 17(1/4)224-246, 17 FIGS, 5 TABLES
	800711	ALBRECHT, HELMUT - 1968 FREIWASSERBEOBACHTUNGEN AN TILAPIEN (PISCES, CICHLIDAE) IN OSTAFRIKA Z TIERPSYCHOL 25(4)377-394, 8 FIGS	800723 PORTMANN, JOHN E - 1968 PROGRESS REPORT ON A PROGRAMME OF INSECTICIDE ANALYSIS AND TOXICITY-TESTING IN RELATION TO THE MARINE ENVIRONMENT HELGOLAENDER WISS MEERESUNTERS 17(1/4)247-256, 7 FIGS
	800712	BLUM, VOLKER - 1968 DAS KAMPFVERHALTEN DES BRAUNEN DISKUSFISCHE, SYMPHYODON AQUIFASCIATA AXELRODI L P SCHULTZ (TELEOSTEI, CICHLIDAE) Z TIERPSYCHOL 25(4)395-408, 10 FIGS, 3 TABLES	800724 MIRONOV, OLEG G - 1968 HYDROCARBON POLLUTION OF THE SEA AND ITS INFLUENCE ON MARINE ORGANISMS HELGOLAENDER WISS MEERESUNTERS 17(1/4)335-339
	800713	LEHRI, G K - 1968 CYCLICAL CHANGES IN THE OVARY OF THE CATFISH CLARIAS BATRACHUS (LINN) ACTA ANAT 69(1)105-124, 13 FIGS	800725 LUDEMANN, DIETRICH - 1968 GEWASSERVERSCHMUTZUNG DURCH AUSSENBORDMOTOREN UND DEREN WIRKUNG AUF FAUNA UND FLORA HELGOLAENDER WISS MEERESUNTERS 17(1/4)356-369, 6 FIGS, 1 TABLE
	800714	OKADA, YO K - 1968 A FURTHER NOTE ON THE SEX REVERSAL IN INEGOCIA MEERDERVOORTI PROC JAP ACAD 44(5)374-378, 5 FIGS	800726 KOEMAN, JAN H; VEEN, JAN; BROUWER, EDUARD; HUISMAN-DE BROUWER, LEONTINE; KOOLEN, JAN L 1968 RESIDUES OF CHLORINATED HYDROCARBON INSECTICIDES IN THE NORTH SEA ENVIRONMENT HELGOLAENDER WISS MEERESUNTERS 17(1/4)375-380, 1 FIG, 4 TABLES
	800715	MANN, HANS - 1968 DIE BEEINFLUSSUNG DER FISCHEREI IN DER UNTERELBE DURCH ZIVILISATORISCHE MASSNAHMEN HELGOLAENDER WISS MEERESUNTERS 17(1/4)168-181, 8 FIGS, 1 TABLE	800727 RUUD, JOHAN T - 1968 CHANGES SINCE THE TURN OF THE CENTURY IN THE FISH FAUNA AND THE FISHERIES OF THE OSLOFJORD HELGOLAENDER WISS MEERESUNTERS 17(1/4)510-517, 2 FIGS
	800716	GERRICK, DAVID J - 1968 A COMPARATIVE STUDY OF ANTIOXIDANTS IN COLOR PRESERVATION OF FISH OHIO J SCI 68(4)239-240, 1 TABLE	800728 PICKFORD, GRACE E; GRANT, F BLAKE - 1968 THE RESPONSE OF HYPOPHYSECTOMIZED MALE KILLIFISH (FUNDULUS HETEROCLITUS) TO THYROTROPIN PREPARATIONS AND TO THE BOVINE HETEROOTHYROTROPIC FACTOR GEN COMP ENDOCRINOL 10(1)1-7, 3 TABLES
	800717	KORRINGA, PIETER - 1968 BIOLOGICAL CONSEQUENCES OF MARINE POLLUTION WITH SPECIAL REFERENCE TO THE NORTH SEA FISHERIES HELGOLAENDER WISS MEERESUNTERS 17(1/4)126-140, 2 FIGS	800729 YAMAMOTO, TOKI-O - 1968 EFFECTS OF 17 ALPHA-HYDROXYPROGESTERONE AND ANDROSTENEDIONE UPON SEX DIFFERENTIATION IN THE MEDAKA, ORYZIAS LATIPES GEN COMP ENDOCRINOL 10(1)8-13, 4 TABLES
	800718	KINNE, OTTO; SCHUMANN, KARL-HEINZ - 1968 BIOLOGISCHE KONSEQUENZEN SCHWEFELSAURE- UND EISENSULFATHALTIGER INDUSTRIEABWASSER, MORTALITAT JUNGER GOBIUS PICTUS UND SOLEA SOLEA (PISCES) HELGOLAENDER WISS MEERESUNTERS 17(1/4)141-155, 10 FIGS, 1 TABLE	800730 SAGE, M - 1968 RESPONSES TO OSMOTIC STIMULI OF XIPHOPHORUS PROLACTIN CELLS IN ORGAN CULTURE GEN COMP ENDOCRINOL 10(1)70-74, 6 TABLES
	800719	NOLTE, WILLY - 1968 DIE KUSTENFISCHEREI IN DER UNTER UND AUSSENWESER UND DIE ABWASSERBEDROHUNG HELGOLAENDER WISS MEERESUNTERS 17(1/4)156-167, 3 FIGS, 3 TABLES	800731 BUTLER, D G - 1968 HORMONAL CONTROL OF GLUCONEOGENESIS IN THE NORTH AMERICAN EEL (ANGUILLA ROSTRATA) GEN COMP ENDOCRINOL 10(1)85-91, 3 TABLES
	800720	HUECK, HENDRIK J; ADEMA, DOROTHEA M M - 1968 TOXICOLOGICAL INVESTIGATIONS IN AN ARTIFICIAL ECOSYSTEM, A PROGRESS REPORT ON COPPER TOXICITY TOWARDS ALGAE AND DAPHNIAE HELGOLAENDER WISS MEERESUNTERS 17(1/4)188-199, 6 FIGS, 2 TABLES	800732 BARA, GONUL - 1968 HISTOCHEMICAL STUDY OF 3 BETA-, 3 ALPHA-, 11 BETA-, AND 17 BETA-HYDROXYSTEROID DEHYDROGENASES IN THE ADRENOCORTICAL TISSUE AND THE CORPUSCLES OF STANNIUS OF FUNDULUS HETEROCLITUS GEN COMP ENDOCRINOL 10(1)126-137, 14 FIGS, 1 TABLE
	800721	BOETIUS, JAN - 1968 TOXICITY OF WASTE FROM A PARATHION INDUSTRY AT THE DANISH NORTH SEA COAST HELGOLAENDER WISS MEERESUNTERS 17(1/4)182-187, 3 FIGS	800733 SAGE, M - 1968 RESPIRATORY AND BEHAVIORAL RESPONSES OF POECILIA TO TREATMENT WITH THYROXINE AND THIOUREA GEN COMP ENDOCRINOL 10(3)304-309, 4 FIGS, 2 TABLES
	800722	HALSBAND, EGON - 1968 PHYSIOLOGISCHE UNTERSUCHUNGSMETHODEN ZUR	800734 YAMAZAKI, FUMIO; DONALDSON, EDWARD M - 1968

	THE SPERMATION OF GOLDFISH (CARASSIUS AURATUS) AS A BIOASSAY FOR SALMON (ONCORHYNCHUS TSHAWYTSCHA) GONADOTROPIN GEN COMP ENDOCRINOL 10(3)383-391, 9 FIGS, 2 TABLES	ACTA ANAT 69(2)282-286, 2 FIGS, 1 TABLE	800735 - 800760
800735	DHARMAMBA, MUTHUSAMY; NISHIOKA, RICHARD S 1968 RESPONSE OF PROLACTIN-SECRETING CELLS OF TILAPIA MOSSAMBICA TO ENVIRONMENTAL SALINITY GEN COMP ENDOCRINOL 10(3)409-420, 10 FIGS	800747 JERZMANSKA, ANNA; KOTLARCYK, JANUSZ - 1968 ICHTHYOFAUNAL ASSEMBLAGES IN THE MENILITE BEDS OF THE CARPATHIANS AS INDICATORS OF SEDIMENTARY ENVIRONMENT ROCZ POL TOW GEOL 38(1)39-66, 8 FIGS, 3 TABLES	
800736	HOLMBERG, KAJ - 1968 ULTRASTRUCTURE AND RESPONSE TO BACKGROUND ILLUMINATION OF THE MELANOPHORES OF THE ATLANTIC HAGFISH, MYXINE GLUTINOSA, L GEN AND COMP ENDOCRINOL 10(3)421-428, 12 FIGS	800748 SCHUBERT, GOTTFRIED - 1968 ES MUSS NICHT IMMER ICHTHYO SEIN AQUARIEN MAG (8)341-343, 6 FIGS	
800737	KOLLMANN, ALBERT - 1968 GYRODACTYLUS CYPRINI N SP AN CYPRINUS CARPIO L MIT EINER BEMERKUNG UBER DIE MECHANIK DER RANDHAKEN ZOOLOG ANZ 180(1/2)36-42, 4 FIGS, 1 TABLE	800749 CARL, GERD - 1968 EIN TRAUM, DER IN ERFÜLLUNG GING, DER LEOPARDDRUCKERFISCH IST EIN INDIVIDUALIST AQUARIEN MAG (8)338-339, 2 FIGS	
800738	PETER, RICHARD E - 1968 FAILURE TO DETECT AN EFFECT OF PINEALECTOMY IN GOLDFISH GEN COMP ENDOCRINOL 10(3)443-445, 1 TABLE	800750 BUSCHMANN, ERWIN - 1968 DIE SCHWABEN UNTER DEN KORALLenfISCHEN, KAISERFISCHE BRAUCHEN EIN EIGENHEIM AQUARIEN MAG (8)326-327, 4 FIGS	
800739	KOLLMANN, ALBERT - 1968 DACTYLOGYRUS CRASSUS KULWIEC, 1927 (TREMATODA, MONOGENOIDEA) AUF DEN KIEMEN VON KARPFFEN ZOOLOG ANZ 180(1/2)43-49, 6 FIGS, 2 TABLES	800751 MOOSLEITNER, HORST - 1968 DAS UNTERNEHMEN NYLONSACK AQUARIEN MAG (8)319-321, 2 FIGS	
800740	HAIDER, GERHARD - 1968 VERGLEICHENDE UNTERSUCHUNGEN ZUR BLUTMORPHOLOGIE UND HAMATOPOESE EINIGER TELEOSTIER, III, BEOBSACHTUNGEN AN LEUKOZYTEN UND PLASMAZELLEN ZOOLOG ANZ 180(1/2)110-130, 5 FIGS, 1 TABLE	800752 WICKLER, WOLFGANG - 1968 DER FISCH MIT DEN DREI GESCHLECHTERN AQUARIEN MAG (8)310 + 332, 2 FIGS	
800741	GUPTA, J P; MUNSHI, J S DATTA - 1968 THE STRUCTURE OF PSEUDOBANCH OF ANABAS TESTUDINEUS (BLOCH) ZOOLOG ANZ 180(1/2)130-138, 12 FIGS	800753 SANDER, ERWIN - 1968 DAS EIWEISS MUSS RAUS, WIE FUNKTIONIERT EIN EIWEISSABSCHAUER? AQUARIEN MAG (8)311-315, 7 FIGS	
800742	POST, A - 1968 DIE PARALEPIDIDAE (PISCES) DER 15. FORSCHUNGSFAHRT DES FFS 'WALTHER HERWIG' ZOOLOG ANZ 180(1/2)139-146, 4 FIGS, 1 TABLE	800754 STARMACH, KAROL - 1968 BODY PROPORTIONS IN FISHES PRZEGL ZOOLOG 12(2)177-185, 11 FIGS, 7 TABLES IN POLISH WITH ENGLISH SUMMARY	
800743	BURDAK, V D - 1968 THE FUNCTIONAL VALUE OF CTENOIDS ON FISH SCALES ZOOLOG ZH 47(5)732-738, 4 FIGS, 1 TABLE	800755 KENNEDY, W A; PLETCHER, F T - 1968 THE 1964-65 SABLEFISH STUDY FISH RES BOARD CAN TECH REP (74)1-24, 10 FIGS, 9 TABLES	
800744	ANDERSON, EVERETT - 1968 CORTICAL ALVEOLI FORMATION AND VITELLOGENESIS DURING OOCYTE DIFFERENTIATION IN THE PIPEFISH, SYNGNATHUS FUSCUS, AND THE KILLIFISH, FUNDULUS HETEROCITUS J MORPHOL 125(1)23-31, 34 FIGS	800756 MESSIEH, S N; BURNETT, C D; TIBBO, S N - 1968 LENGTH-AGE DISTRIBUTION BAY OF FUNDY HERRING FISH RES BOARD CAN TECH REP (57)1-63, 1 FIG, 13 TABLES	
800745	SCHULTZE, HANS-PETER - 1968 PALAEONISCOIDEA-SCHUPPEN AUS DEM UNTERDEVON AUSTRALIENS UND KANADAS UND AUS DEM MITTELDEVON SPITZBERGENS BRIT MUS (NATUR HIST) BULL GEOL 16(7)341-368, 47 FIGS, 1 TABLE	800757 HACKNEY, PETE - 1968 TWO SPECIES OF PIKE FOUND IN ALABAMA WATERS ALA CONSERV 38(3)6-7, 2 FIGS	
800746	SUNDARARAJ, BANGALORE I; NARASIMHAN, P V - 1968 AN AUTORADIOGRAPHIC STUDY OF THE SACCUS VASCULOSUS OF NOTOPTERUS SP (TELEOSTEI) BY ADMINISTRATION OF NA2S35O4	800758 KOHLER, A C - 1968 FISH STOCKS OF THE NOVA SCOTIA BANKS AND GULF OF ST LAWRENCE FISH RES BOARD CAN TECH REP (80)1-8, 16 FIGS, 1 TABLE	
		800759 MACHIDORI, SEIJI - 1968 VERTICAL DISTRIBUTION OF SALMON (GENUS ONCORHYNCHUS) IN THE NORTH-WESTERN PACIFIC III BULL HOKKAIDO REG FISH RES LAB (34)1-11, 6 FIGS, 7 TABLES	
		800760 KITAKATA, MASAOKI - 1968 STUDIES ON THE AGGREGATIVE CHARACTERISTICS OF ATKA-MACKEREL, PLEUROGRAMMUS AZONUS JORDAN ET	

- METZ, IN THE WATERS AROUND HOKKAIDO, II. ON THE KAMOENAI SPAWNERS BELONGING INTO THE SHAKOTAN POPULATION**  
BULL HOKKAIDO REG FISH RES LAB  
(34)30-39, 8 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 800761** KRAJNOVIC, MIRJANA - 1968  
A SEROLOGICAL APPROACH TO THE POPULATION ANALYSES OF THE ADRIATIC SARDINES *CLUPEA PILCHARDUS* WALB  
REV INT OCEANOGR MED  
10:69-74, 1 FIG, 1 TABLE
- 800762** NAKAMURA, MORIZUMI; KIMURA, TADAAKI - 1968  
ON THE ELVERS OF *ANGUILLA MARMORATA* QUOY ET GAIMARD COLLECTED IN THE LOWER STREAM OF THE TONE RIVER  
MISC REP RES INST NATUR RESOUR  
69(3)135-138, 2 FIGS, 2 TABLES
- 800763** MADEYSKI, PAWEŁ - 1968  
BAJKAL I OMUL  
POZNAJ SWIAT  
16(6)20-25, 8 FIGS
- 800764** HYND, J S - 1968  
REPORT ON A SURVEY FOR YELLOWFIN TUNA, *THUNNUS ALBACARES* (BONNATERRE), IN QUEENSLAND WATERS  
CSIRO (COMMONW SCI IND RES ORGAN) TECH PAP  
26 DIV FISH  
1-40, 33 FIGS, 1 TABLE
- 800765** UYENO, TERUYA - 1968  
PLEISTOCENE CYPRINID FISH FROM TOCHIGI PREFECTURE, JAPAN  
MISC REP RES INST NATUR RESOUR  
69(3)131-134, 4 FIGS, 1 TABLE
- 800766** MAY, EDWIN B - 1968  
RARE FISH IS CAPTURED NEAR DAUPHIN ISLAND  
ALA CONSERV  
38(3)21, 1 FIG
- 800767** CELLER, MIROSLAW - 1968  
A NEW BREEDING FORM OF *GYMNOCORYMBUS TERNETZI* (BLGR)  
PRZEGŁ ZOOŁ  
12(2)231-234, 2 FIGS, 1 TABLE  
IN POLISH WITH ENGLISH SUMMARY
- 800768** MCREA, ALEX H ET ALIA - 1968  
ANNU REP ALASKA DEP FISH GAME 1966-1967  
8:271, 69 FIGS, 142 TABLES
- 800769** TURNER, HARRY J JR; PRINDLE, BRYCE - 1968  
THE VERTICAL DISTRIBUTION OF FISHBITES ON DEEP-SEA MOORING LINES IN THE VICINITY OF BERMUDA  
DEEP-SEA RES OCEANOGR ABSTR  
15(3)377-379, 4 FIGS
- 800770** CASTLE, P H J - 1968  
SYNAPHOBRANCH EELS FROM THE SOUTHERN OCEAN  
DEEP-SEA RES OCEANOGR ABSTR  
15(3)393-396, 1 FIG
- 800771** RASTOGI, RAKESH K - 1968  
HISTOLOGY AND SEASONAL CHANGES OF THE SPERMARY OF THE GARFISH, *XENENTODON CANCILA* (HAM) (TELEOSTEI)  
ANAT ANZ  
122(4)353-366, 21 FIGS, 1 TABLE
- 800772** NELSON, GARETH J - 1968  
GILL ARCHES OF TELEOSTEAN FISHES OF THE DIVISION OSTEOGLOSSOMORPHA  
J LINN SOC LONDON ZOOŁ  
47(312)261-277, 11 FIGS, 1 TABLE
- 800773** WHEELER, ALWYNE; ESCHMEYER, WILLIAM N - 1968
- THE IDENTITY OF THE BRITISH SCORPIONFISH *HELICOLENUS MICROPHthalmus***  
J LINN SOC LONDON ZOOŁ  
47(312)309-314, 1 FIG
- 800774** SORENSON, ROBERT LOWELL - 1968  
THE ISOLATION AND STRUCTURE OF THE GOOSEFISH INSULIN SECRETION GRANULES  
DISS ABSTR  
28(12)4851-B
- 800775** RUTH ROBIN CLAIRE - 1968  
ISOLATION AND CHARACTERIZATION OF ENOLASE FROM COHO SALMON (*ONCORHYNCHUS KISUTCH*)  
DISS ABSTR  
28(12)4873-B
- 800776** CHILDS, MICHAEL O'MEARA - 1968  
SOME OBSERVATIONS ON THE RELATIVE STIMULUS VALUES OF SIZE, SHAPE AND COLOR WITH RESPECT TO NEST BUILDING IN THE SIAMESE FIGHTING FISH, *BETTA SPLENDENS* (REGAN)  
DISS ABSTR  
28(12)5236-B
- 800777** CLARKE, THOMAS ARTHUR - 1968  
TERRITORIAL BEHAVIOR AND POPULATION DYNAMICS OF THE GARIBALDI, *HYPSYPOPS RUBICUNDA* (GIRARD), PISCES, POMACENTRIDAE  
DISS ABSTR  
28(12)5237-B
- 800778** HIKIDA, ROBERT SEIICHI - 1968  
AN ULTRASTRUCTURAL STUDY OF VERTEBRATE TWITCH AND TONIC MUSCLE FIBERS  
DISS ABSTR  
28(12)5242-B
- 800779** HUDDLE, HOWARD LEWIS - 1968  
MULTIPLE HEMOGLOBINS IN THE SYSTEMATICS AND GENETICS OF POECILIID FISHES  
DISS ABSTR  
28(12)5243-B
- 800780** JENKINS, THOMAS M - 1968  
THE NON-REPRODUCTIVE BEHAVIOR OF BROWN AND RAINBOW TROUT (*SALMO TRUTTA* AND *SALMO GARDNERI*) IN NATURAL AND NEAR-NATURAL STREAM HABITATS  
DISS ABSTR  
28(12)5244-B
- 800781** MCLARNEY, WILLIAM O - 1968  
INTRASTREAM MOVEMENT, FEEDING HABITS, AND POPULATION OF THE COASTRANGE SCULPIN, *COTTUS ALEUTICUS*, IN RELATION TO EGGS OF THE PINK SALMON, *ONCORHYNCHUS GORBUSCHA*, IN ALASKA  
DISS ABSTR  
28(12)5247-B-5248-B
- 800782** MERTZ, JOHN CHARLES - 1968  
THE ORGANIZATION AND REGULATION OF THE PARENTAL BEHAVIOR OF *CICHLASOMA NIGROFASCIATUM* (PISCES, CICHLIDAE), WITH SPECIAL REFERENCE TO PARENTAL FANNING  
DISS ABSTR  
28(12)5250-B
- 800783** RENO, HARLEY WAYNE - 1968  
DESCRIPTIONS AND ANALYSES OF THE CEPHALIC LATERAL-LINE SYSTEMS OF THE CYPRINID GENUS *HYBOPSIS*  
DISS ABSTR  
28(12)5252-B-5253-B
- 800784** STEPHENS, ROBERT RHEA - 1968  
THE DEVELOPMENT OF THE LATERAL-LINE SYSTEM OF *DOROSOMA PETENSE* (GUNTHER)  
DISS ABSTR  
28(12)5254-B-5255-B
- 800785** SMITH, ALBERT CARL - 1968  
ELECTROPHORETIC STUDIES OF EYE LENS PROTEIN



- FROM MARINE FISHES**  
DISS ABSTR  
28(12)5254-B
- 800786** WHITESIDE, BOBBY GENE - 1968  
**POPULATION DYNAMICS OF FISHES IN FARM PONDS IN PAYNE COUNTY, OKLAHOMA**  
DISS ABSTR  
28(12)5258-B
- 800787** EDELMAN, ABRAHAM - 1968  
**SUBMICRO ANALYSES IN RELATION TO XIPHOPHORIN FISHES AND THEIR TUMORS**  
DISS ABSTR  
28(11)4423-B-44234-B
- 800788** RIO, GUIDO JOSEPH - 1968  
**THE EFFECTS OF INJECTION OF IPN VACCINE INTO THE ADULT BROOK TROUT, SALVELINUS FONTINALIS, AND ITS SUBSEQUENT EFFECT ON THEIR PROGENY**  
DISS ABSTR  
28(11)4426-B-4427-B
- 800789** AMMERAAL, ROBERT NEAL - 1968  
**THE EFFECT OF MIOTIC POISONS AND AMINO ACID, PURINE AND PYRIMIDINE ANALOGUES ON HORMONE INDUCED MELANOGENESIS**  
DISS ABSTR  
28(11)4465-B
- 800790** WILSON, CAROL MAGGART - 1968  
**STUDIES ON MELANOCYTE FORMATION INDUCED BY ACTH, MSH AND RELATED PEPTIDES**  
DISS ABSTR  
28(11)4474-B
- 800791** TRUMP, GARY NEWBURY - 1968  
**ANTIBODY RESPONSES OF GOLDFISH TO BOVINE SERUM ALBUMIN**  
DISS ABSTR  
28(11)4680-B-4681-B
- 800792** D'ARJUNT, BRIAN GILBERT - 1968  
**'ANAEROBIC' GLYCOLYSIS UNDER HYPERBARIC OXYGEN IN THE GAS GLAND OF THE VERMILION ROCKFISH SEBASTODES MINIATUS**  
DISS ABSTR  
28(11)4733-B
- 800793** DOUGLAS, EVERETT L - 1968  
**STUDIES OF GAS SECRETION IN THE SWIMBLADDERS OF FISHES**  
DISS ABSTR  
28(11)4734-B
- 800794** WARD, WILLIAM EDWARD - 1968  
**THE UPTAKE OF AMINO ACIDS BY INTESTINAL SEGMENTS OF THE TROUT, SALMO GAIARDNERI**  
DISS ABSTR  
28(11)4740-B
- 800795** HESTER, FRANK J - 1968  
**VISUAL CONTRAST-THRESHOLDS OF THE GOLDFISH CARASSIUS AURATUS**  
DISS ABSTR  
28(11)4775-B
- 800796** RACHLIN, JOSEPH WOLFE - 1968  
**A STUDY COMPARING THE EFFECTIVENESS OF FISH TISSUE IN CULTURE AND WHOLE ANIMAL STUDIES AS A MEANS OF ASSAYING THE EFFECTS OF AQUATIC POLLUTANTS**  
DISS ABSTR  
28(11)4806-B
- 800797** WEIS, JUDITH SHULMAN - 1968  
**EXPERIMENTAL STUDIES ON NERVE GROWTH FACTOR IN TELEOST FISHES**  
DISS ABSTR  
28(11)4809-B-4810-B
- 800798** NIKOLSKY, G V - 1968  
**ON RELATIVE STABILITY OF SPECIES AND SOME PROBLEMS OF TAXONOMY**  
ZOOLOG ZH  
47(6)860-874  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800799** SCHWARZ, S S; ISTSCHENKO, V G; DOBRINSKAYA, L A; AMSTISLAVSKII, A Z; BRUSYNINA, I N; PARAKETZOV, I A; YAKOLEVA, A S - 1968  
**RATE OF GROWTH AND SIZE OF THE FISH BRAIN (A CONTRIBUTION TO THE PROBLEM 'SPECIES AND INTRASPECIFIC CATEGORIES IN DIFFERENT CLASSES OF VERTEBRATES')**  
ZOOLOG ZH  
47(6)901-915, 8 FIGS, 3 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800800** GUSSEV, A V - 1968  
**AMMONIUM PICRATE AS A FIXATIVE AND MOUNTING MEDIUM FOR SLIDES OF FISH PARASITES**  
ZOOLOG ZH  
47(6)935-936  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800801** NAGELI, ALBERT - 1968  
**DIE ZUCHT DES INDISCHEN GLASBARSCHES CHANDALA (HAMILTON-BUCHANAN)**  
AQUA TERRA  
5(8)57-59, 1 FIG
- 800802** SAXENA, SUBHASH C; ZANDEE, DANIEL I - 1968  
**FATTY ACID COMPOSITION OF A FRESH-WATER CARP, SCARDINIUS ERYTHROPTALMUS L**  
ARCH INT PHYSIOL BIOCHEM  
76(3)434-440, 4 TABLES
- 800803** KRIGSHABER, M P; NEUFACH, A A - 1968  
**PROTEIN SYNTHESIS IN THE BLASTODERM OF A MISGURNUS FOSSILIS EMBRYO**  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
180(4/5/6)1259-1261, 2 FIGS, 1 TABLE  
IN RUSSIAN
- 800804** BENNETT, MICHAEL V L; GIMENEZ, M; RAVITZ, M J - 1968  
**SYNAPTICALLY EVOKED IMPULSE ACTIVITY OF MORPHOLOGICALLY IDENTIFIED NEUROSECRETORY CELLS**  
ANAT REC  
160(2)313-314
- 800805** BERNISOHN, JOSEPH; BARRON, KEVIN D - 1968  
**PHYLOGENETIC DEVELOPMENT OF MULTIPLE MOLECULAR FORMS OF CHOLINESTERASES AND NON-SPECIFIC ESTERASES OF BRAIN**  
ANAT REC  
160(2)315
- 800806** BERNSTEIN, JERALD J; BERNSTEIN, MARY E - 1968  
**A MECHANISM OF ABORTIVE REGENERATION IN THE GOLDFISH SPINAL CORD**  
ANAT REC  
160(2)315-316
- 800807** COX, STEVEN J - 1968  
**ULTRASTRUCTURE OF THE MIDBRAIN CELL GROUP IN THE MESENCEPHALON OF THE SUNFISH, (LEPOMIS GIBBOSUS)**  
ANAT REC  
160(2)336
- 800808** FINEMAN, ROBERT M - 1968  
**CHARACTERISTICS OF UNFERTILIZED EGGS WITH A Y, AND EGGS WITH AN X, SEX CHROMOSOME**  
ANAT REC  
160(2)349
- 800809** HAMILTON, JAMES B; WALTER, ROGER O - 1968  
**SUPERMALE (YY SEX CHROMOSOMES) AND ORDINARY MALE (XY): STUDIES IN KILLIFISH OF COMPETITION FOR MATING WITH FEMALES AND EVIDENCE THAT A SECOND Y CHROMOSOME RESULTS IN EFFECTS DURING ADULTHOOD**  
ANAT REC  
160(2)359

- 800810 - 800834
- 800810 IORIO, ROBERT J - 1968  
STUDIES ON THE DEVELOPING ERYTHROID CELLS OF  
THE COMMON GOLDFISH  
ANAT REC  
160(2)370
- 800811 KEMP, NORMAN E; PARK, JAE HO; MCWILLIAMS, ALICE  
K; AUERBACH, SUSAN E; BOZDECH, MAREK J - 1968  
FINE STRUCTURE OF LEPIDOTRICHIA AND  
ACTINOTRICHIA IN REGENERATING TAILFINS OF  
TELEOSTS  
ANAT REC  
160(2)374
- 800812 LIEM, KAREL F - 1968  
NATURAL SEX REVERSAL IN THE TELEOST FISH ORDER  
SYNBRANCHIIFORMES  
ANAT REC  
160(2)385
- 800813 MURRAY, MARION; GRAFSTEIN, BERNICE - 1968  
CHANGES IN GOLDFISH OPTIC NEURONS DURING  
REGENERATION  
ANAT REC  
160(2)398
- 800814 SCHNITZLEIN, H N; WHITT, GERALD G - 1968  
A COMPARISON OF THE MEDIAL HEMISPHERE WALL IN  
TWO DIPNOAN FISHES  
ANAT REC  
160(2)423
- 800815 SCHWARTZ, ILSA R; PAPPAS, GEORGE D - 1968  
THE FINE STRUCTURE OF ELECTROPLAQUES IN SOME  
WEAKLY ELECTRIC FISH  
ANAT REC  
160(2)424
- 800816 TOMASULO, JOSEPH A - 1968  
FINE STRUCTURE OF THE STANNIUS CORPUSCLE OF THE  
GUPPY DURING OSMOREGULATION  
ANAT REC  
160(2)441-442
- 800817 EBBESSON, SVEN O E; HEIMER, LENNART - 1968  
OLFACTORY BULB PROJECTIONS IN TWO SPECIES OF  
SHARKS (GALEOCERDO CUVIERI AND GINGLYMOSTOMA  
CIRRATUM)  
ANAT REC  
160(2)469
- 800818 BILLENSTIEN, DOROTHY C; GALER, BETTINA B - 1968  
THE ULTRASTRUCTURE OF THE CILIA OF THE SACCUS  
VASCULOSUS CROWN CELLS IN THE SUNFISH  
ANAT REC  
160(2)508
- 800819 RAIKOVA, E V - 1968  
MORPHOLOGY OF NUCLEOLI DURING THE OOCYTE GROWTH  
IN ACIPENSERIDAE  
ZH OBSHCH BIOL  
29(3)316-333, 12 FIGS
- 800820 WUNDER, WILHELM - 1968  
HOCHRUCKIGKEIT BEIM AAL (ANGUILLA ANGUILLA L),  
BEDINGT DURCH WIRBELSAULENVERKURZUNG  
BIOL ZENTRALBL  
87(3)325-331, 8 FIGS
- 800821 SAXENA, P K; RASTOGI, RAKESH K - 1968  
THE CRANIAL NERVES OF THE FLAT-FISH,  
CYNOGLOSSUS BILINEATUS (LAC)  
ANNOT ZOOL JAP  
41(2)70-76, 4 FIGS
- 800822 LUPPA, H J; WEISS, FEUSTEL, G - 1968  
HISTOCHEMISCHE UNTERSUCHUNGEN ZUR LOKALISATION  
VON ACETYLCHOLINESTERASE, MONOAMINOXYDASE UND  
MONOAMINEN IM KAUDALEN NEUROSEKRETORISCHEN  
SYSTEM VON CYPRINUS CARPIO  
Z ZELLFORSCH  
89(4)499-508, 7 FIGS
- 800823 LEATHERLAND, J F; DODD, J M - 1968  
STUDIES ON THE STRUCTURE, ULTRASTRUCTURE AND  
FUNCTION OF THE SUBCOMMISSURAL ORGAN-REISSNER'S  
FIBRE COMPLEX OF THE EUROPEAN EEL ANGUILLA  
ANGUILLA L  
Z ZELLFORSCH  
89(4)533-549, 10 FIGS, 2 TABLES
- 800824 BULLOCK, THEODORE H - 1968  
REPRESENTATION OF INFORMATION IN NEURONS AND  
SITES FOR MOLECULAR PARTICIPATION  
PROC NAT ACAD SCI U S A  
60(4)1058-1068, 3 FIGS
- 800825 CASOLA, LUIGI; LIM, RAMON; DAVIS, ROGER E;  
AGRANOFF, BERNARD W - 1968  
BEHAVIORAL AND BIOCHEMICAL EFFECTS OF  
INTRACRANIAL INJECTION OF CYTOSINE ARABINOSIDE  
IN GOLDFISH  
PROC NAT ACAD SCI U S A  
60(4)1389-1395, 4 FIGS, 2 TABLES
- 800826 ICHIHARA, ATSUKO - 1968  
ON THE PARASITIC HELMINTHS OF MARINE FISH IN  
SAGAMI BAY-I, ON HORSE MACKEREL, FLASHER,  
BUTTER FISH, HASHIKINME, FRIGATE MACKEREL,  
BARRACUDA AND ALFONSI  
BULL JAP SOC SCI FISH  
34(5)365-377, 34 FIGS, 9 TABLES
- 800827 KARIYA, TEIJI; KAWASE, KUNIAKI; HAGA, HIDEO;  
TSUDA, TSUTOMU - 1968  
STUDIES ON THE POST-MORTEM IDENTIFICATION OF  
THE POLLUTANT IN THE FISH KILLED BY WATER  
POLLUTION-VII, DETECTION OF NICKEL IN THE FISH  
BULL JAP SOC SCI FISH  
34(5)385-390, 1 FIG, 7 TABLES
- 800828 OGURA, MICHIO - 1968  
STUDIES ON MACKEREL ANGLING FISHERIES-I, THE  
EFFECT OF GROUND BAITS AND ATTRACTING FISH  
LAMPS ON THE CATCH OF MACKEREL POLE AND LINE  
FISHERY  
BULL JAP SOC SCI FISH  
34(5)395-398, 3 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 800829 OGURA, MICHIO - 1968  
STUDIES ON MACKEREL ANGLING FISHERIES-II, THE  
EFFECT OF THE CONSUMPTION OF GROUND BAITS ON  
THE CATCH OF MACKEREL POLE AND LINE FISHERY  
BULL JAP SOC SCI FISH  
34(5)399-403, 4 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 800830 SUGII, KISABURO; KINUMAKI, TOYOSUKE - 1968  
DISTRIBUTION OF VITAMIN E IN A FEW SPECIES OF  
FISH  
BULL JAP SOC SCI FISH  
34(5)420-428, 2 FIGS, 3 TABLES
- 800831 CASOLA, LUIGI; AGRANOFF, BERNARD W - 1968  
STUDIES ON RNA IN GOLDFISH BRAIN, I, ISOLATION  
AND IN VIVO LABELING  
BRAIN RES  
10(2)227-238, 9 FIGS
- 800832 JASINSKI, ANDRZEJ - 1968  
MODIFICATIONS IN THE NEUROSECRETORY SYSTEM OF  
THE FISH, MISGURNUS FOSSILIS, INDUCED BY  
LASTING INANITION  
Z ZELLFORSCH  
88(4)537-548, 7 FIGS
- 800833 OLIVEREAU, MADELEINE; LEMOINE, ANNE-MARIE  
1968  
ACTION DE LA PROLACTINE CHEZ L'ANGUILLE  
INTACTE, III, EFFET SUR LA STRUCTURE  
HISTOLOGIQUE DU REIN  
Z ZELLFORSCH  
88(4)576-590, 19 FIGS, 2 TABLES
- 800834 NIKOL SKII, G V - 1968  
THEORY OF THE DYNAMICS OF THE POPULATION OF  
ANIMALS (FOR EXAMPLE, THE DYNAMICS OF FISH

SHOALS)  
VESTN AKAD NAUK SSR  
(5)47-56, 6 FIGS  
IN RUSSIAN, WITH ENGLISH SUMMARY

AQUARIEN MAG  
(9)376-379, 10 FIGS

800835 - 800860

800835 KOSAKI, THOMAS J; ANDERSON, HAMILTON H - 1968  
MARINE TOXINS FROM THE PACIFIC-IV,  
PHARMACOLOGY OF CIGUATOXIN(S)  
TOXICON  
6(1)55-58, 1 FIG, 1 TABLE

800848 KASSING, KARL - 1968  
HERR IM HAUS, REVIERBILDUNG BEI NEONFISCHEN  
AQUARIEN MAG  
(9)384-386, 3 FIGS

800836 KAUSCH, HARTMUT - 1968  
DER EINFLUSS DER SPONTANAKTIVITÄT AUF DIE  
STOFFWECHSELRATE JUNGER KARPEN (CYPRINUS  
CARPIO L.) IM HUNGER UND BEI FUTTERUNG  
ARCH HYDROBIOL  
6(3/4)263-330, 41 FIGS, 16 TABLES

800849 KOLFERTZ, ERWIN - 1968  
STURM IM WASSERGLAS, ICHTHYOBEMÜHUNG MIT DER  
UMWALZPUMPE  
AQUARIEN MAG  
(9)388-389, 3 FIGS

800837 STEPANEK, MIROSLAV - 1968  
BEITRÄGE ZUR BIOAKUSTIK DER BINNENGEWÄSSER, I,  
DIE REAKTIONEN DER SÜSSWASSERORGANISMEN AUF DIE  
VON DER WASSEROBERFLÄCHE KOMMENDEN GERÄUSCHE  
ARCH HYDROBIOL  
6(3/4)397-422, 18 FIGS, 7 TABLES

800850 KASSANYI, JENO - 1968  
BILD-REPORT AUS DEM LEBEN DER FAMILIE MEEKI  
AQUARIEN MAG  
(9)390-393, 9 FIGS

800838 STEPANEK, MIROSLAV - 1968  
BEITRÄGE ZUR BIOAKUSTIK DER BINNENGEWÄSSER, II,  
FRESSGERÄUSCHE VON KARPEN UND ELRITZEN  
ARCH HYDROBIOL  
6(3/4)423-430, 8 FIGS

800851 BARANNIKOVA, I A - 1968  
FUNCTIONAL BASIS OF FISH MIGRATION  
VESTN Leningrad UNIV SER BIOL  
2(9)69-72  
IN RUSSIAN WITH ENGLISH SUMMARY

800839 STEFFENS, W; FREUDENBERG, H - 1968  
FUTTERUNGSVERSÜCHE BEI REGENBOGENFORELLEN  
(SALMO GAIARDNERI) FUTTERUNG VON FORELLENBRUT  
MIT TROCKENFUTTER  
DEUT FISCH ZTG  
15(7)185-190, 1 FIG, 7 TABLES

800852 CHAROUSSET, FRANCOIS - 1968  
BEITRAG ZUR KENNNTNIS DER SCHLEIMFISCHE  
(BLENNIIDAE) SARDINIENS  
AQUARIEN TERRARIEN Z  
21(9)270-274, 12 FIGS

800840 ANWAND, K - 1968  
ERGEBNISSE DER BESATZVERSÜCHE MIT SIGNIERTER  
HECHTBRUT  
DEUT FISCH ZTG  
15(7)195-198, 2 FIGS, 2 TABLES

800853 VAN DEN NIEUWENHUIZEN, AREND - 1968  
BARBUS TETRAZONA  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(6)184-187, 9 FIGS

800841 DORN, EMMI; SCHALLER, FRIEDRICH - 1968  
DIE KNOCHENZÜNGLER-EINE BESONDERHEIT UNTER DEN  
FISCHEN  
UMSCH WISS TEC  
68(14)426-431, 7 FIGS

800854 RICHTER, HANS JOACHIM - 1968  
DER MONDSCHNEIFADENFISCH TRICHOASTER  
MICROLEPIS UN DER DDR WIEDER EINGEFÜHRT UND  
NACHGEZUGEN  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(6)192-194, 2 FIGS

800842 DZIEGIEL, LESZEK - 1968  
POLNOC KULINARNA  
POZNAJ SWIAT  
16(8)17-19, 5 FIGS

800855 ZUKAL, RUDA - 1968  
NANNACARA ANOMALA REGAN  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(6)198-199, 9 FIGS

800843 FAJEN, OTTO F - 1968  
NEWCOMER TO NORTH MISSOURI  
MO CONSERV  
29(7)1-3, 5 FIGS

800856 FRANKE, HANNS-JOACHIM - 1968  
CURIMATOPSIS EVELYNAE GERY 1964, EINE SCHÖNE  
SALMLERNEUHEIT VOM OBEREN RIO META IN KOLUMBIEN  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(6)202-203, 2 FIGS, 1 TABLE

800844 PINTER, HELMUT - 1968  
LABYRINTHER FÜR SIE, EINE FISCHFAMILIE, DIE FÜR  
JEDEN ETWAS BIETET  
AQUARIEN MAG  
(9)354-359, 6 FIGS

800857 STALLKNECHT, HELMUT - 1968  
ETHOLOGIE HILFT RICHTEN  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(6)204, 205, 4 FIGS

800845 RAHMANN, HINRICH - 1968  
PROTEIN-UND  
KOHLENHYDRAT-TRANSPORTGESCHWINDIGKEITEN IM ZNS  
VON TELEOSTEERN  
Z MIKROSK-ANAT FORSCH  
78(3)289-304, 4 FIGS, 1 TABLE

800858 VAN DEN NIEUWENHUIZEN, AREND - 1968  
AEQUIDENS PULCHER, DER BLAUPUNKTUNTBARSCH  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(7)220-223, 9 FIGS

800846 ZUKAL, RUDA - 1968  
DIE LAICHSERIE DES JAHRES, WELSFRAUEN BRAUCHEN  
ZWEI MANNER  
AQUARIEN MAG  
(9)360-363, 12 FIGS

800859 KADEN, DIETER - 1968  
MEIN WEG ZU HOCHFLOSSIGEN PLATIES  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(7)224-225, 2 FIGS

800847 MÜLLER, KARL - 1968  
BARBEN SIND KEINE BARBEN

800860 CELLER, MIROSLAV; SITKO, STANISLAW - 1968  
DER POLNISCHE TETRA  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(7)230-231, 2 FIGS

- 800861 - 800886
- 800861 HOHL, DIETER - 1968  
BEOBACHTUNGEN ZUM VERHALTEN VON PELMATOCHROMIS  
THOMASI  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(7)232-234, 2 FIGS
- 800862 STALLKNECHT, HELMUT - 1968  
PSEUDOMUGIL SIGNIFER-EINIGE NOTWENDIGE  
ERGANZUNGEN  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(8)256-259, 6 FIGS
- 800863 GORFF, LOTHAR - 1968  
ZUCHTERFOLGE BEIM SCHRAGSCHWIMMER  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(8)260-261
- 800864 BIC, JAROSLAV - 1968  
DIE VERMEHRUNG DES AEQUIDENS CURVICEPS E AHL  
1924  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(8)262-264, 8 FIGS
- 800865 KENNEDY, W A - 1968  
AN OCTAGONAL POUND FOR LIVE FISH  
FISH RES BOARD CAN TECH REP  
(78)1-10, 5 FIGS
- 800866 HOURSTON, A S; CHAULK, R - 1968  
HERRING LANDINGS AND CATCHES IN NEWFOUNDLAND  
AND THEIR IMPLICATIONS CONCERNING THE  
DISTRIBUTION AND ABUNDANCE OF THE STOCKS  
FISH RES BOARD CAN TECH REP  
(58)VI + 1-77, 8 FIGS, 52 TABLES
- 800867 HOURSTON, A S - 1968  
AGE DETERMINATION OF HERRING AT THE BIOLOGICAL  
STATION ST JOHNS NEWFOUNDLAND  
FISH RES BOARD CAN TECH REP  
(49)1-24, 12 TABLES
- 800868 SIMIDU, U; HASUO, KAZUYO - 1968  
SALT DEPENDENCY OF THE BACTERIAL FLORA OF  
MARINE FISH  
J GEN MICROBIOL  
52(3)347-354, 4 FIGS, 5 TABLES
- 800869 SIMIDU, U; HASUO, KAZUYO - 1968  
AN IMPROVED MEDIUM FOR THE ISOLATION OF  
BACTERIA FROM MARINE FISH  
J GEN MICROBIOL  
52(3)355-360, 6 TABLES
- 800870 AISO, K; SIMIDU, U; HASUO, KAZUYO - 1968  
MICROFLORA IN THE DIGESTIVE TRACT OF INSHORE  
FISH IN JAPAN  
J GEN MICROBIOL  
52(3)361-364, 4 TABLES
- 800871 BUSS, KEEN - 1968  
FRY AND FINGERLINGS CAN BE PLANTED WITH GREAT  
SUCCESS IN NEW WATERS  
KY HAPPY HUNTING GROUND  
24(5)26-28, 3 FIGS
- 800872 HASTINGS, J W - 1968  
BIOLUMINESCENCE  
ANNU REV BIOCHEM  
37:597-630, 5 FIGS
- 800873 VENGLINSKII, D L; DOBRINSKAYA, L A;  
AMSTISLAVSKII, A Z - 1968  
BIOLOGICAL CHARACTERISTICS OF CERTAIN  
COMMERCIAL FISH OF THE OB' NORTH  
PROBL NORTH TRANSL PROBLEMY SEVERA  
(11)235-256, 3 TABLES
- 800874 RYBNIKOV, V S - 1968  
DEVELOPMENT AND IMPROVEMENT OF THE ECONOMIC  
EFFICIENCY OF FISHING IN RIVERS AND LAKES OF  
NORTHERN YAKUTIYA  
PROBL NORTH TRANSL PROBLEMY SEVERA  
(11)257-267, 4 TABLES
- 800875 RAUCKIS, E - 1968  
TETRACOTYLE PERCAE-FLUVIATILIS LINSTOW 1856  
(STRIGIDAE) BIOLOGIJOS KLAUSIMU  
ACTA PARASITOL LITUANICA  
7:85-90
- 800876 MRAZ, DONALD - 1968  
RECRUITMENT GROWTH EXPLOITATION AND MANAGEMENT  
OF WALLEYES IN A SOUTHEASTERN WISCONSIN LAKE  
TECH BULL WIS DEP NATUR RESOUR  
(40)1-38, 9 FIGS, 21 TABLES
- 800877 KAMOHARA, TOSHIJI; YAMAKAWA, TAKESHI - 1968  
ADDITIONAL RECORDS OF MARINE FISHES FROM AMAMI  
REP USA MAR BIOL STA KOCHI UNIV  
15(1)1-25, 12 FIGS
- 800878 BANARESCU, PETRU; NALBANT, TEODOR T - 1968  
COBITIDAE (PISCES, CYPRINIFORMES) COLLECTED BY  
THE GERMAN INDIA EXPEDITION  
MITT HAMBURG ZOOL MUS INST  
65:327-351, 15 FIGS
- 800879 BANARESCU, PETRU - 1968  
SUSSWASSERFISCHE DER TURKEI, ERGANZENDE ANGABEN  
ZU TEIL 2, COBITIDAE  
MITT HAMBURG ZOOL MUS INST  
65 + 353-356, 20 FIGS
- 800880 PRIEGEL, GORDON R - 1968  
THE MOVEMENT, RATE OF EXPLOITATION AND HOMING  
BEHAVIOR OF WALLEYES IN LAKE WINNEBAGO AND  
CONNECTING WATERS, WISCONSIN, AS DETERMINED BY  
TAGGING  
TRANS WIS ACAD SCI ARTS LETT  
51 + 207-223, 3 FIGS, 6 TABLES
- 800881 STOSSEL, W; ZEBE, E - 1968  
ZUR INTRACELLULAREN REGULATION DER  
KONTRAKTIONSAKTIVITAT, VERGLEICHENDE  
UNTERSUCHUNGEN AN VERSCHIEDENEN MUSKELTYPEN  
PFLUEGERS ARCH GESAMTE PHYSIOL MENSCHEN TIERE  
302(1)38-56, 7 FIGS, 4 TABLES
- 800882 TIEMEIER, O W; DEYOE, C W - 1968  
GROWTH OBTAINED BY STOCKING VARIOUS SIZE  
COMBINATIONS OF CHANNEL CATFISH, (ICTALURUS  
PUNCTATUS), AND EFFICIENCIES OF UTILIZING  
PELLETED FEED  
SOUTHWEST NATUR  
13(2)167-174, 6 TABLES
- 800883 HILL, LOREN G - 1968  
INTER- AND INTRAPOPULATIONAL VARIATION OF  
VERTEBRAL NUMBERS OF THE YOKE DARTER,  
ETHEOSTOMA JULIAE  
SOUTHWEST NATUR  
13(2)175-191, 3 FIGS, 10 TABLES
- 800884 JONES, EVERET C - 1968  
LEPAS ANSERIFERA LINNE (CIRRIPEDIA  
LEPADOMORPHA) FEEDING ON FISH AND PHYSALIA  
CRUSTACEANA  
14(3)312-313, 2 FIGS
- 800885 OSIPOV, V G - 1968  
ON THE VERTICAL DISTRIBUTION OF THE YELLOWFIN  
(NEOTHUNNUS ALBACORA) AND BIGEYE (PARATHUNNUS  
OBESUS) TUNAS  
ZOOL ZH  
47(8)1192-1197, 3 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800886 MARINARO, J Y - 1968  
CONTRIBUTION A L'ETUDE DES OEUFS ET LARVES  
PELAGIQUES DE POISSONS MEDITERRANEENS, II, LES

- PREMIERS STADES DE DEVELOPPEMENT DE TRIGLA  
OBSCURA L  
PELAGOS  
(8)61-69, 18 FIGS**
- 800887** POULSON, THOMAS L; COOPER, JOHN E - 1968  
**A GUIDE FOR BIOLOGICAL COLLECTING IN CAVES**  
NAT SPELEOL SOC NEWS  
26(9)127-138, 25 FIGS
- 800888** PARSONS, JOHN DAVID - 1968  
**THE EFFECTS OF ACID STRIP-MINE EFFLUENTS ON THE  
ECOLOGY OF A STREAM**  
ARCH HYDROBIOL  
65(1)25-50, 8 FIGS, 5 TABLES
- 800889** MALACEA, ION - 1968  
**UNTERSUCHUNGEN UBER DIE GEWOHNUNG DER FISCHE AN  
HOHE KONZENTRATIONEN TOXISCHER SUBSTANZEN**  
ARCH HYDROBIOL  
65(1)74-95, 15 FIGS
- 800890** PEARCY, WILLIAM G; OSTERBERG, CHARLES L - 1968  
**ZINC-65 AND MANGANESE-54 IN ALBACORE THUNNUS  
ALALUNGA FROM THE WEST COAST OF NORTH AMERICA**  
LIMNOL OCEANOGR  
13(3)490-498, 5 FIGS, 1 TABLE
- 800891** VERNICK, SANFORD H; CHAPMAN, GEORGE B - 1968  
**ULTRASTRUCTURE OF AXILLARY GLANDS OF THE  
TOADFISH OPSANUS TAU**  
CHESAPEAKE SCI  
9(3)182-197, 12 FIGS
- 800892** TOLLEFSON, THOR C ET ALIA - 1968  
**WASH DEP FISH ANNU REP 1965-66**  
223, 78 FIGS, 78 TABLES
- 800893** DOMANTAY, JOSE S - 1968  
**AQUATIC BIOLOGICAL RESOURCES OF THE PHILIPPINES**  
ACTA MANILANA SER A  
4(1)24-58, 6 TABLES
- 800894** ODUM, WILLIAM E - 1968  
**MULLET GRAZING ON A DINOFLLAGELLATE BLOOM**  
CHESAPEAKE SCI  
9(3)202-204, 2 FIGS
- 800895** HIROSE, KEIJI; HIBIYA, TAKASHI - 1968  
**PHYSIOLOGICAL STUDIES ON GROWTH-PROMOTING  
EFFECT OF PROTEIN-ANABOLIC STEROIDS ON FISH, I,  
EFFECTS ON GOLDFISH**  
BULL JAP SOC SCI FISH  
34(6)466-472, 11 FIGS, 4 TABLES
- 800896** HIROSE, KEIJI; HIBIYA, TAKASHI - 1968  
**PHYSIOLOGICAL STUDIES ON GROWTH-PROMOTING  
EFFECT OF PROTEIN-ANABOLIC STEROIDS ON FISH,  
II, EFFECTS OF 4- CHLOROTESTOSTERONE ACETATE ON  
RAINBOW TROUT**  
BULL JAP SOC SCI FISH  
34(6)473-481, 13 FIGS, 4 TABLES
- 800897** ISHII, TAKEO - 1968  
**STUDIES ON ESTIMATING PARAMETERS OF A FISH  
POPULATION SUPPLIED BY SEQUENTIAL  
RECRUITMENT-III, SIMULTANEOUS ESTIMATION OF  
PARAMETERS OF PACIFIC BIGEYE TUNA BY THE  
TRACING METHOD**  
BULL JAP SOC SCI FISH  
34(6)488-494, 6 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800898** ISHIWATA, NAONORI - 1968  
**ECOLOGICAL STUDIES ON THE FEEDING OF FISHES-I,  
SATIATION AMOUNT AS INDICATOR OF AMOUNT  
CONSUMED**  
BULL JAP SOC SCI FISH  
34(6)495-497, 1 FIG  
IN JAPANESE WITH ENGLISH SUMMARY
- 800899** ISHIWATA, NAONORI - 1968  
**ECOLOGICAL STUDIES ON THE FEEDING OF FISHES II  
ACCLIMATIZATION OF A SCHOOL OF FISH AND  
SATIATION AMOUNT**  
BULL JAP SOC SCI FISH  
34(6)498-502, 3 FIGS, 4 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800900** KAWAI, AKIRA; SAKAGUCHI, MORIHIKO - 1968  
**HISTIDINE METABOLISM IN FISH-II. FORMATION OF  
UROCANIC, FORMIMINOGLUTAMIC, AND GLUTAMIC ACIDS  
FROM HISTIDINE IN THE LIVERS OF CARP AND  
MACKEREL**  
BULL JAP SOC SCI FISH  
34(6)507-511, 4 FIGS, 2 TABLES
- 800901** HASHIMOTO, YOSHIRO; OKAICHI, TOMOTOSHI;  
DANG, LE DUNG; NOGUCHI, TAMAO - 1968  
**GLENODININE, AN ICHTHYOTOXIC SUBSTANCE PRODUCED  
BY A DINOFLLAGELLATE, PERIDINIUM POLONICUM**  
BULL JAP SOC SCI FISH  
34(6)528-534, 7 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 800902** KIMURA, SHIGERU; KUBOTA, MINORU - 1968  
**STUDIES ON ELASTOIDIN-III, PROTEIN COMPONENTS  
OF SOLUBLE ELASTOIDIN**  
BULL JAP SOC SCI FISH  
34(6)535-540, 2 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 800903** YAMADA, KINJIRO - 1968  
**POST-MORTEM BREAKDOWN OF TRIMETHYLAMINE OXIDE  
IN FISHES AND MARINE INVERTEBRATES**  
BULL JAP SOC SCI FISH  
34(6)541-551  
IN JAPANESE
- 800904** LUCKY, ZDENEK - 1968  
**VELVET AND WHITE SPOT DISEASE**  
PETFISH MONTHLY  
3(6)252-255, 5 FIGS
- 800905** ALI, M A - 1968  
**INHIBITION DE LA CONTRACTION DES MYOIDES DES  
CONES CHEZ LES TELEOSTEENS**  
C R HEBD SEANCES ACAD SCI PARIS SER D  
266(9)898-900, 3 FIGS
- 800906** BALLARD, WILLIAM W; DODES, LANCE MEREDITH  
1968  
**THE MORPHOGENETIC MOVEMENTS AT THE LOWER  
SURFACE OF THE BLASTODISC IN SALMONID EMBRYOS**  
J EXP ZOOL  
168(1)67-83, 18 FIGS
- 800907** SUNDARARAJ, BANGALORE I; GOSWAMI, SHASHI V  
1968  
**EFFECT OF SHORT- AND LONG-TERM HYPOPHYSECTOMY  
ON THE OVARY AND INTERRENAL OF CATFISH,  
HETEROPNEUSTES FOSSILIS (BLOCH)**  
J EXP ZOOL  
168(1)85-103, 20 FIGS, 1 TABLE
- 800908** HOUSTON, A H; DE WILDE, MARY ANNE - 1968  
**THERMOACCLIMATORY VARIATIONS IN THE HAEMATOLOGY  
OF THE COMMON CARP, CYPRINUS CARPIO**  
J EXP BIOL  
49(1)71-81, 2 FIGS, 1 TABLE
- 800909** SATCHELL, GEOFFREY H - 1968  
**THE GENESIS OF CERTAIN CARDIAC ARRHYTHMIAS IN  
FISH**  
J EXP BIOL  
49(1)129-141, 7 FIGS, 1 TABLE
- 800910** NEYFAKH, A A; ROTT, N N - 1968  
**A QUANTITATIVE APPROACH TO THE DETECTION OF  
NUCLEAR ACTIVITY AFTER DIFFERENTIAL DAMAGE TO  
NUCLEUS AND CYTOPLASM IN EARLY DEVELOPMENT**  
J EMBRYOL EXP MORPHOL  
20(1)129-140, 7 FIGS

- 800911 - 800935
- 800911 ABOUSSOUAN, A - 1968  
OEUF ET LARVES DE TELEOSTEENS DE L'OUEST  
AFRICAIN VII, LARVES DE SYACIUM GUINEENSIS  
(BLKR) (BOTHIDAE)  
BULL INST FOND AFR NOIRE SERA  
30(3)1188-1197, 7 FIGS
- 800912 SHINDE, G B - 1968  
ON CIRCUMONCOBOTHRIUM OPHIOCEPHALI N GEN, N SP  
FROM A FRESH WATER FISH (OPHIOCEPHALUS  
LEUCOPUNCTATUS) IN INDIA  
RIV PARASSITOL  
29(2)111-114, 1 FIG
- 800913 MOHAN, R S LAL; PATEL, P H - 1968  
A STUDY OF GROWTH RINGS IN OTOLITHS OF FISH BY  
MICRORADIOGRAPHY  
CURR SCI  
37(11)318-319 1 FIG
- 800914 THOMPSON, JOHN R - 1968  
PROGRESS IN EXPLORATORY FISHING AND GEAR  
RESEARCH IN REGION, 2 FISCAL YEAR 1967  
US FISH WILDLIFE SERV CIRC  
267:1-14, 13 FIGS
- 800915 DEJOURS, PIERRE; ARMAND, JACQUES;  
VERRIEST, GERARD - 1968  
CARBON DIOXIDE DISSOCIATION CURVES OF WATER AND  
GAS EXCHANGE OF WATER-BREATHERS  
RESP PHYSIOL  
5(1)23-33, 4 FIGS, 2 TABLES
- 800916 HEMMINGSEN, E A; DOUGLAS, EVERETT L - 1968  
METABOLISM IN THREE SPECIES OF NOTOTHENIA  
ANTARCTIC J U S  
8(4)131
- 800917 SIDDIQUI, ANWAR H; SIDDIQUI, A QAYYUM - 1968  
STUDIES ON THE CHEMICAL COMPOSITION OF INDIAN  
FRESH WATER MURREL, OPHICEPHALUS PUNCTATUS  
BLOCH AS RELATED TO ITS NUTRITIVE VALUE  
INDIAN J MED RES  
56(6)885-894, 2 FIGS, 4 TABLES
- 800918 HONMA, YOSHIHARU; KON, TOHSHI - 1968  
A CASE OF THE EPIDERMAL PAPILLOMA IN THE WITCH  
FLOUNDER FROM THE SEA OF JAPAN  
BULL JAP SOC SCI FISH  
34(1)1-5, 7 FIGS, 1 TABLE
- 800919 OGAWA, YOSHINORI - 1968  
MORPHOLOGICAL TRANSITION OF THE BRAIN  
COMPONENTS OF HORSE MACKEREL WITH THEIR  
BODY-GROWTH  
BULL JAP SOC SCI FISH  
34(1)11-16, 1 FIG  
IN JAPANESE WITH ENGLISH SUMMARY
- 800920 KARIYA, TEIJI; SHIRAHATA, SOICHIRO;  
NAKAMURA, YASUE - 1968  
AN EXPERIMENT TO ESTIMATE THE SATIATION RATE OF  
FEEDING IN FISH  
BULL JAP SOC SCI FISH  
34(1)29-35, 3 FIGS, 3 TABLES
- 800921 HIRAMOTO, KIKUO - 1968  
FISHERY BIOLOGY OF THE JAPANESE ANCHOVY IN THE  
WATERS OFF THE BOSO PENINSULA-I, MATURATION  
AND AGGREGATION OF THE LARGE-SIZED ADULTS AND  
DISTRIBUTION OF THE EGGS  
BULL JAP SOC SCI FISH  
34(1)36-43 8 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 800922 IWAI, TAMOTSU; TANAKA, MASARU - 1968  
THE COMPARATIVE STUDY OF THE DIGESTIVE TRACT OF  
TELEOST LARVAE-III EPITHELIAL CELLS IN THE  
POSTERIOR GUT OF HALFBREK LARVAE  
BULL JAP SOC SCI FISH  
34(1)44-48, 4 FIGS
- 800923 KATO, MASUO; NONAKA, SHIGEKI - 1968
- 800924 HASHIMOTO, YOSHIRO; KONOSU, SHOJI;  
FUSETANI, NOBUHIRO; NOSE, TAKESHI - 1968  
ATTRACTANTS FOR EELS IN THE EXTRACTS OF  
SHORT-NECKED CLAM-I SURVEY OF CONSTITUENTS  
ELICITING FEEDING BEHAVIOR BY THE OMISSION TEST  
BULL JAP SOC SCI FISH  
34(1)78-83, 4 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 800925 KONOSU, SHOJI; FUSETANI, NOBUHIRO; NOSE,  
TAKESHI; HASHIMOTO, YOSHIRO - 1968  
ATTRACTANTS FOR EELS IN THE EXTRACTS OF  
SHORT-NECKED CLAM-II SURVEY OF CONSTITUENTS  
ELICITING FEEDING BEHAVIOR BY FRACTIONATION OF  
THE EXTRACTS  
BULL JAP SOC SCI FISH  
34(1)84-87  
IN JAPANESE WITH ENGLISH SUMMARY
- 800926 THOMSON, KEITH STEWART - 1968  
LUNG VENTILATION IN DIPNOAN FISHES  
POSTILLA (YALE PEABODY MUSEUM)  
(122)1-6, 1 FIG
- 800927 HASCHEMEYER, AUDREY E V - 1968  
COMPENSATION OF LIVER PROTEIN SYNTHESIS IN  
TEMPERATURE-ACCLIMATED TOADFISH, OPSANUS TAU  
BIOL BULL  
135(1)130-140, 3 TABLES
- 800928 LOFTFIELD, R B; EIGNER, E A; NOBEL, J - 1968  
INTER-PHYLOGENETIC SPECIFICITY IN THE BONDING  
OF AMINO ACIDS TO RNA  
BIOL BULL  
135(1)181-192 4 FIGS, 1 TABLE
- 800929 BALON, EUGENIUSZ K - 1968  
URGEGESCHICHTE DET DONAU-ICHTHYOFAUNA (VOR DEM  
EINFLUSS SEITENS DES MENSCHEN)  
ARCH HYDROBIOL  
3(3)204-227
- 800930 BALON, EUGENIUSZ K - 1968  
EINFLUSS DES FISCHFANGS AUF DIE  
FISCHGEMEINSCHAFTEN DER DONAU  
ARCH HYDROBIOL  
3(3)228-249, 2 FIGS
- 800931 IMANISHI, NOBORU - 1968  
STUDIES ON THE INORGANIC CHEMICAL CONSTITUENTS  
OF MARINE FISHES-XIII, ON THE DISTRIBUTION OF  
CHEMICAL ELEMENTS IN A KIND OF SHORE FISHES,  
CHEORODON AZURIO (JORDAN AND SNYDER)  
J OCEANOGR SOC JAP  
24(2)14-59, 3 TABLES
- 800932 DIAZ-UNGRIA, CARLOS - 1968  
HEMINTOS DE PECES DE VENEZUELA CON DESCRIPCION  
DE UN GENERO Y TRES ESPECIES NUEVAS  
BOL SOC VENEZ CIENC NATUR  
27(113-114)537-549, 3 FIGS, 1 TABLE
- 800933 CADWALLADR, D A; STONEMAN, J - 1968  
THE SITING AND RELATIVE IMPORTANCE OF THE FISH  
LANDINGS OF LAKE ALBERT  
UGANDA J  
32(1)39-52, 1 FIG, 3 TABLES
- 800934 RAY, CLAYTON E; WETMORE, ALEXANDER;  
DUNKLE, DAVID H; DREZ, PAUL - 1968  
FOSSIL VERTEBRATES FROM THE MARINE PLEISTOCENE  
OF SOUTHEASTERN VIRGINIA  
SMITHSON MISC COLLECT  
153(3)1-28, 10 FIGS
- 800935 YAMAUCHI, A; BURNSTOCK, G - 1968

- ON THE FINE STRUCTURE OF THE TROUT HEART  
J ANAT  
103(1)207-208
- 800936 VAN LENNEP, ERNEST W; LANZING, W J R - 1968  
SOME OBSERVATIONS ON THE ULTRASTRUCTURE OF THE  
SACCUS VASCULOSUS OF FISHES  
J ANAT  
103(1)210
- 800937 WILSON, JANE A F; WESTERMAN, R A - 1968  
ULTRASTRUCTURAL STUDIES ON THE OLFACTORY MUCOSA  
IN TELEOSTS  
J ANAT  
103(1)211
- 800938 VAN SCHOOR, D J - 1968  
SURVEY OF THE FISHES IN THE ORANGE AND VAAL  
RIVERS FROM ALIWAAL NORTH TO DOUGLAS  
NEWS BULL ZOOL SOC S AFR  
9(2)8-9
- 800939 CROWTHER, H E - 1968  
BCF ROLE IN FARMING OF THE SEA  
PROC NAT SHELLFISH ASS  
58:16-18
- 800940 BIRDSONG, RAY S; EMERY, ALAN R - 1968  
NEW RECORDS OF FISHES FROM THE WESTERN  
CARIBBEAN  
QUART J FLA ACAD SCI  
30(3)187-196, 1 FIG
- 800941 WAGSTAFFE, REGINALD; FIDLER, J HAVELOCK (ED)  
1968  
THE PRESERVATION OF NATURAL HISTORY SPECIMENS  
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- 800942 KUTTY, METHIL NARAYAN - 1968  
INFLUENCE OF AMBIENT OXYGEN ON THE SWIMMING  
PERFORMANCE OF GOLDFISH AND RAINBOW TROUT  
CAN J ZOOL  
46(4)647-653, 2 FIGS, 3 TABLES
- 800943 NELSON, JOSEPH S - 1968  
SALINITY TOLERANCE OF BROOK STICKLEBACKS,  
CULAE INCONSTANS, FRESHWATER NINESPINE  
STICKLEBACKS, PUNGITIUS PUNGITIUS, AND  
FRESHWATER FOURSPINE STICKLEBACKS, APELTES  
QUADRACUS  
CAN J ZOOL  
46(4)663-667, 1 FIG
- 800944 OGAWA, MIZUHO - 1968  
OSMOTIC AND IONIC REGULATION IN GOLDFISH  
FOLLOWING REMOVAL OF THE CORPUSCLES OF STANNIUS  
OR THE PITUITARY GLAND  
CAN J ZOOL  
46(4)669-676, 2 FIGS, 2 TABLES
- 800945 ALI, M A; ANCTIL, M; MOHIDEEN, H M - 1968  
STRUCTURE RETINIENNE ET LA VASCULARISATION  
INTRAOCULAIRE CHEZ QUELQUES POISSONS MARINS DE  
LA REGION DE GASPE  
CAN J ZOOL  
46(4)729-745, 46 FIGS, 3 TABLES
- 800946 WIEBE, JOHN P - 1968  
INHIBITION OF PITUITARY GONADOTROPIC ACTIVITY  
IN THE VIVIPAROUS SEAPERCH CYMATOGASTER  
AGGREGATA GIBBONS BY A DITHIOCARBAMOYLHYDRAZINE  
DERIVATIVE  
CAN J ZOOL  
46(4)751-758, 2 FIGS, 4 TABLES
- 800947 KITZAN, SONJA; SWEENEY, PHILLIP R - 1968  
A LIGHT AND ELECTRON MICROSCOPE STUDY OF THE  
STRUCTURE OF PROTOPTERUS ANNECTENS EPIDERMIS,  
I, MUCUS PRODUCTION  
CAN J ZOOL  
46(4)767-771, 17 FIGS
- 800948 RAO, G MADAN MOHAN - 1968  
OXYGEN CONSUMPTION OF RAINBOW TROUT (SALMO  
GIRDNERI) IN RELATION TO ACTIVITY AND SALINITY  
CAN J ZOOL  
46(4)781-786, 5 FIGS, 2 TABLES
- 800949 NICOLA, STEPHEN J - 1968  
SCAVENGING BY ALLOPERLA (PLECOPTERA  
CHLOROPERLIDAE) NYMPHS ON DEAD PINK  
(ONCORHYNCHUS GORBUSCHA) AND CHUM (O.KETA)  
SALMON EMBRYOS  
CAN J ZOOL  
46(4)787-796, 5 FIGS, 5 TABLES
- 800950 MACKAY, W C; BEATTY, D D - 1968  
PLASMA GLUCOSE LEVELS OF THE WHITE SUCKER  
CATOSTOMUS COMMERCSONII AND THE NORTHERN PIKE  
ESOX LUCIUS  
CAN J ZOOL  
46(4)797-803, 3 FIGS, 1 TABLE
- 800951 JOHANSEN, PETER H - 1968  
THE ROLE OF THE PITUITARY OF THE GOLDFISH IN  
THE DEVELOPMENT OF RESISTANCE TO REPEATED  
HIGH TEMPERATURE EXPOSURES  
CAN J ZOOL  
46(4)805-806, 1 TABLE
- 800952 YU, MING-JENN - 1968  
THE LABRID FISHES OF TAIWAN  
BIOL BULL DEP BIOL COLL SCI TUNGSHAI UNIV  
(30)1-137, 57 FIGS
- 800953 MCFARLANE, A - 1968  
AN EXPERIMENTAL STUDY OF THE SUPPOSED  
PARATHYROID LIKE ACTIVITY OF THE  
ULTIMOBONCHIAL BODY OF FISH AND OF THE SPECIES  
SPECIFICITY OF PARATHYROID ACTION ON BONE  
J ANAT  
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- 800954 SCHAFER, A; SCHIPP, R; BASSLER, R - 1968  
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OF THE BROOD POUCH OF SEA HORSES (HIPPOCAMPUS  
KUDA)  
J ULTRASTRUCT RES  
23(1/2)166-177, 7 FIGS
- 800955 NOBLE, ELMER R - 1968  
THE FLAGELLATE CRYPTOBIA IN TWO SPECIES OF  
DEEPSEA FISHES FROM THE EASTERN PACIFIC  
J PARASITOL  
54(4)720-724, 3 FIGS, 1 TABLE
- 800956 DURIO, WALTER O; MANTER, HAROLD W - 1968  
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NEW CALEDONIA PART II, OPECOELIDAE AND  
LEPOCREADIIDAE  
J PARISITOL  
54(4)747-756, 19 FIGS
- 800957 FISCHTHAL, JACOB H; THOMAS, J D - 1968  
SIPHODERA SHANENSIS SP N (CRYPTOGONIMIDAE) A  
DIGENETIC TREMATODE FROM AN ESTUARINE FISH FROM  
GHANA  
J PARASITOL  
54(4)765-766, 2 FIGS
- 800958 MACKIEWICZ, JOHN S - 1968  
TWO NEW CARYOPHYLLAEID CESTODES FROM THE  
SPOTTED SUCKER, MINYTREMA MELANOPS (RAF)  
(CATOSTOMIDAE)  
J PARASITOL  
54(4)808-813, 16 FIGS
- 800959 DUTT, S; PRABHU, M S - 1968  
ON THE SPAWNING SEASON AND JUVENILES OF OIL  
SARDINE  
CURR SCI  
37(14)411-412
- 800960 MARKERT, J R; VANSTONE, W E - 1968  
EGG PROTEINS OF PACIFIC SALMON, GENUS

- 800961 MILLIMAN, JOHN D; MANHEIM, FRANK T - 1968  
**OBSERVATIONS IN DEEP-SCATTERING LAYERS OFF CAPE HATTERAS, USA**  
DEEPSEA RES OCEANOGR ABSTR  
15(4)505-507, 2 FIGS
- 800962 WOLFF, DIETER L - 1968  
**DAS HORVERMOGEN DES KAULBARSCHES (ACERINA CERNUA L) UND DES ZANDERS (LUCIOPERCA SANDRA CUV UND VAL)**  
Z VERGL PHYSIOL  
60(1)14-33, 13 FIGS, 2 TABLES
- 800963 BLUM, VOLKER - 1968  
**DIE AUSLOSUNG DES LAICHPREFLEXES DURCH RESERPIN BEI DEM SUDAMERIKANISCHEN BUNTBARSCHE PTEROPHYLLUM SCALARE**  
Z VERGL PHYSIOL  
60(1)79-81
- 800964 RASTOGI, RAKESH K - 1968  
**ON THE UROGENITAL ORGANS OF THE INDIAN MUD-EEL, AMPHIPNOUS CUCHIA (HAM)**  
J ZOOL SOC INDIA  
18(1/2)69-75, 8 FIGS
- 800965 SRIVASTAVA, C B - 1968  
**ON A COLLECTION OF FISHES FROM TIRAP FRONTIER DIVISION, NEFA, INDIA**  
J ZOOL SOC INDIA  
18(1/2)122-128
- 800966 ANONYMOUS - 1968  
**FRESHWATER BIOL ASS ANNU REP**  
(36)1-144, 1 FIG
- 800967 PETER, RICHARD E; GORBMAN, A - 1968  
**SOME AFFERENT PATHWAYS TO THE PREOPTIC NUCLEUS OF THE GOLDFISH**  
NEUROENDOCRINOLOGY  
3(4)229-237, 1 TABLE
- 800968 ROCHOW-MEYER, VIKTOR B - 1968  
**MIKROSKOPIE AUF HOHER SEE, SEEFISCHEIR IM LEBENDPRAPARAT**  
MIKROKOSMOS  
57(9)265-268, 6 FIGS
- 800969 STILLGER, EBERHARD - 1968  
**EIN HUPFERLING SCHMAROTZT AN FLUNDERN: LEPEOPHTEIRUS PECTORALIS**  
MIKROKOSMOS  
57(9)276-278, 1 FIG
- 800970 ONO, YOSHIKI; UEMATSU, TATSUMI - 1968  
**EXPERIMENTAL ANALYSIS OF THE SIGN STIMULI IN THE MATING BEHAVIOUR IN ORYZIAS LATIPES**  
JAP J ECOL  
18(2)65-74, 3 FIGS, 5 TABLES
- 800971 SWARUP, KRISHNA - 1968  
**SEXUAL DIMORPHISM IN THE GAR FISH, XENENTODON CANCILA**  
CURR SCI  
37(12)352, 3 FIGS
- 800972 GIERE, OLAV - 1968  
**DIE FLUKTUATIONEN DES MARINEN ZOOPLANKTONS IM ELBE-AESTURA- BEZIEHUNGEN ZWISCHEN POPULATIONSSCHWANKUNGEN UND HYDROGRAPHISCHEN FAKTOREN IM BRACKWASSER**  
ARCH HYDROBIOL SUPPL  
31(3/4)379-546, 15 FIGS, 21 TABLES
- 800973 SZABO, Z S; MOLNAR, BELA - 1968  
**BESCHREIBUNG UND EXPERIMENTELLE PRUFUNGEN AN DEN ADRENOCORTICOTROPEN ZELLEN DER HYPOPHYSE**
- 800974 SCOTT, E O G - 1968  
**CERTAIN NOMENCLATURAL PROPOSALS IN GALAXIIDAE: A REJOINDER**  
REC QUEEN VICTORIA MUS LAUNCESTON  
(29)1-10, 1 TABLE
- 800975 MCDOWALL, R M - 1968  
**THE PROPOSED INTRODUCTION OF THE LARGE MOUTH BLACK BASS MICROPTERUS SALMOIDES (LACEPEDE) INTO NEW ZEALAND**  
J MAR FRESHWATER RES  
2(2)149-161
- 800976 WOODS, C S - 1968  
**GROWTH CHARACTERISTICS, PIGMENTATION, AND THE IDENTIFICATION OF WHITEBAIT (GALAXIAS SPP, SALMONOIDEA)**  
J MAR FRESHWATER RES  
2(2)162-182, 13 FIGS, 1 TABLE
- 800977 PAUL, L J - 1968  
**EARLY SCALE GROWTH CHARACTERISTICS OF THE NEW ZEALAND SNAPPER CHRYSOPHRYS AURATUS (FORSTER) WITH REFERENCE TO SELECTION OF A SCALE SAMPLING SITE**  
J MAR FRESHWATER RES  
2(2)273-92, 6 FIGS, 3 TABLES
- 800978 FISH, G R; ALLEN, RICHARD L; FAIRBURN, H S - 1968  
**AN EXAMINATION OF THE TROUT POPULATION OF FIVE LAKES NEAR ROTORUA, NEW ZEALAND**  
J MAR FRESHWATER RES  
2(2)333-362, 10 FIGS, 8 TABLES
- 800979 HARRINGTON, ROBERT W JR; KALLMAN, KLAUS D - 1968  
**THE HOMOZYGOSITY OF CLONES OF THE SELF-FERTILIZING HERMAPHRODITIC FISH, RIVULUS MARMORATUS POEY (CYPRINODONTIDAE, ATHERINIFORMES)**  
AMER NATUR  
102(926)337-343, 1 FIG
- 800980 EL-SAYD, M L - 1968  
**THE INFLUENCE OF WATER MASS TRANSFORMATION IN THE NEAR-SHORE REGION OF THE DANUBE RIVER IN THE BLACK SEA UPON THE REPRODUCTION OF ANCHOVIES**  
OKEANOLOGIYA  
8(4)714-717, 2 FIGS  
IN RUSSIAN WITH ENGLISH SUMMARY
- 800981 TORTONESE, ENRICO; CAUTIS, ILENA - 1968  
**GLI STORIONI**  
RIV ITAL PISCICOLT ITTIOPATOL  
3(1)3-5, 2 FIGS
- 800982 GHITTINO, P - 1968  
**LOTTA SISTEMATICA CONTRO L'HEXAMITIASI DELLE TROTELLINE**  
RIV ITAL PISCICOLT ITTIOPATOL  
3(1)8-10, 4 FIGS
- 800983 STRICKLAND, K L; CARBERY, J T - 1968  
**ULCERATIVE DERMAL NECROSIS (UDN) OF SALMON IN IRELAND**  
RIV ITAL PISCICOLT ITTIOPATOL  
3(1)12-14, 4 FIGS
- 800984 GHITTINO, P - 1968  
**GRAVE ENZOOZIA DI SETTICEMIA EMORRAGICA VIRALE IN TROTE FARIO DI ALLEVAMENTO (SALMO TRUTTA)**  
RIV ITAL PISCICOLT ITTIOPATOL  
3(1)17-19, 5 FIGS, 1 TABLE
- 800985 DESVEAUX-CHABROL, JACQUELINE - 1968  
**ACQUISITIONS RECENTES SUR LA BIOLOGIE DES HISTONES**



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800986	PATERSON, COLIN G; TURNER, WILLIAM R - 1968 THE EFFECT OF AN UNDERWATER EXPLOSION ON THE FISH OF WENTZEL LAKE, ALBERTA CAN FIELD NATUR 82(3)219-220	801000	SLACK, E B - 1968 SCIENCE, TECHNOLOGY, AND FISHERIES DEVELOPMENT NZ SCI REV 26(3-4)33-37	
800987	FRANKENBERG, ROGER - 1968 TWO NEW SPECIES OF GALAXIID FISHES FROM THE LAKE PEDDER REGION OF SOUTHERN TASMANIA AUST ZOOLOG 14(3)268-274, 3 TABLES	801001	HARALDSVIK, STEINAR - 1968 RAPPORT OM SILDETOKT MED F/F GO SARS TIL NORDSJOEN OG SKAGERAK 18 OKTOBER TIL 8 NOVEMBER 1967 FISKEN HAVET (2)9-12, 4 FIGS, 2 TABLES	
800988	YALDWYN, J C - 1968 RECORDS OF, AND OBSERVATION ON, THE CORAL SHRIMP GENUS STENOPUS IN AUSTRALIA, NEW ZEALAND AND THE SOUTHWEST PACIFIC AUST ZOOLOG 14(3)277-289, 2 FIGS	801002	DANIELSSEN, DIDRIK S; TVEITE, STEIN - 1968 FOREKOMST AV SILDELARVER I EN SPESIALLAGET 5DELT OVERFLATEHAV PA TOKTER TIL JOMFRULAND I APRIL OG TIL KATTEGAT I OKTOBER 1967 FISKEN HAVET (2)13-15, 2 FIGS, 2 TABLES	
800989	OGAWA, MIZUHO - 1968 SEASONAL DIFFERENCE OF GLOMERULAR CHANGE OF THE MARINE FORM OF THE STICKLEBACK, GASTEROSTEUS ACULEATUS L, AFTER TRANSFERRED INTO FRESH WATER SCI REP SAITAMA UNIV SER B 5(2)117-123, 1 FIG, 1 TABLE	801003	DEVOLD, FINN - 1968 RAPPORT I FORBINDELSE MED VINTERSILDINNSIGENE 1968 FISKEN HAVET (2)16-19, 5 FIGS	
800990	LESTER, R J G - 1968 FEEDING OF PRIACANTHUS TAYENUS AND P. MACRACANTHUS NEAR HONG KONG PUBL SETO MAR BIOL LAB 14(1)1-6, 4 TABLES	801004	HARALDSVIK, STEINAR; LJOEN, RIKARD - 1968 SILDEUNDERSOKELSER I NORDSJOEN SOMMEREN 1967 FISKEN HAVET (2)20-26, 7 FIGS, 2 TABLES	
800991	BERN, HOWARD A; CHIEFFI, GIOVANNI - 1968 BIBLIOGRAPHY ON THE STEROID HORMONES OF FISHES PUBBL STA ZOOLOG NAPOLI 36(2)287-320	801005	ITO, TAKEO - 1968 POLLUTION AND FISHERIES IN INLAND WATERS NOTO MAR LAB ANNU REP 8:35-43	
800992	HENDERSON, WILLIAM H; WINCKLER, SUZANNE - 1968 A WINNING COMBINATION TEX PARKS WILDLIFE 26(10)26-28, INSIDE FRONT COVER, 6 FIGS	801006	MATIDA, YOSHIHIRO - 1968 DELETERIOUS EFFECT OF AGRICULTURAL CONTROL CHEMICALS TO FRESH-WATER FISHERIES NOTO MAR LAB ANNU REP 8:59-69, 5 FIGS, 2 TABLES	
800993	ANONYMOUS - 1968 AUSTRALIAN SNAPPER FISHERY AUST FISH NEWSLETT 27(8)25-26	801007	KHLEBOVICH, V V - 1968 OSMOTIC REGULATION IN THE THREE-SPINED STICKLEBACK (GASTEROSTEUS ACULEATUS L) IN WATER OF DIFFERENT SALINITY ZOOLOG ZH 47(4)591-594, 3 FIGS	
800994	BRADSHAW, SIDNEY D; FONTAINE-BERTRAND, ELIZABETH - 1968 LE CORTISOL DANS LE PLASMA DE L'ANGUILLE, DOSE PAR FLUORIMETRIE ET PAR INHIBITION COMPETITIVE DE LA LIAISON SPECIFIQUE CORTISOL-TRANS-CORTINE, INFLUENCE DE DIVERSES CONDITIONS EXPERIMENTALES CR HEBD SEANCES ACAD SCI PARIS SER D 267(9)894-897, 2 FIGS, 1 TABLE	801008	SKINNER, MORRIS F; SKINNER, SHIRLEY M; GOORIS, RAYMOND J - 1968 CENOZOIC ROCKS AND FAUNAS OF TURTLE BUTTE, SOUTH-CENTRAL SOUTH DAKOTA BULL AMER MUS NATUR HIST 138(7)379-436, 23 FIGS, 7 TABLES	
800995	COOPER, GERALD P - 1968 FOR BIGGER BLUEGILLS MICH CONSERV 37(2)24-27, 4 FIGS	801009	KIDOKORO, Y - 1968 DIRECT INHIBITORY INNERVATION OF TELEOST OCULOMOTOR NEURONS BY CEREBELLAR PURKINJE CELLS BRAIN RES 10(3)453-456, 1 FIG	
800996	GREENFIELD, DAVID W; WILEY, JAMES W - 1968 GEOGRAPHIC VARIATION IN THE CLINGFISH, GOBIOXOX EUGRAMMUS BRIGGS TRANS SAN DIEGO SOC NATUR HIST 15(10)141-147, 3 FIGS, 2 TABLES	801010	EVERSON, INIGO - 1968 LARVAL STAGES OF CERTAIN ANTARCTIC FISHES BRIT ANTARCTIC SURV BULL (16)65-70, 5 FIGS, 3 TABLES	
800997	ANONYMOUS - 1968 SCOT MAR BIOL ASS ANN U REP 1967-68 1-69, 8 FIGS, 2 TABLES	801011	YOUNG, P C - 1968 THE TAXONOMY OF SOME DACTYLOGYRID MONOGENOIDEA FROM AUSTRALIAN FISHES ZOOLOG ANZ 180(3/4)269-279, 3 FIGS	
800998	BLACKETT, ROGER F - 1968 SPAWNING BEHAVIOR, FECUNDITY, AND EARLY LIFE HISTORY OF ANADROMOUS DOLLY VARDEN SALVELINUS MALMA (WALBAUM) IN SOUTHEASTERN ALASKA ALASKA DEP FISH GAME RES REP (6)1-85, 61 FIGS, 24 TABLES	801012	SZABO, Z S; MOLNAR, BELA - 1968 DAS NEUROSEKRETORISCHE PRAEOPTICOHYPHOPHYSARE	

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LEBENSWEISE  
ZOOLOG. ANZ.  
180(3) 4:279-293, 6 FIGS
- 801013 ER OSSON, JAN L E; SELJELID, ROLF - 1968  
ENDOCYTOSIS IN THE URETERIC DUCT EPITHELIUM OF  
THE HAGFISH (MYXINE GLUTINOSA L.)  
Z. ZELLFORSCH.  
90(2):263-272, 7 FIGS
- 801014 OLIVEREAU, MADELEINE - 1968  
MODIFICATIONS OF THE CORTICOTROPHIC CELLS OF  
THE HYPOPHYSIS OF THE RADIOHYDROECTOMIZED EEL  
Z. ZELLFORSCH.  
90(2):289-295, 4 FIGS, 1 TABLE
- 801015 DAVIES, ELIZABETH H. - 1968  
MYXOSPORIDIAN PARASITES FROM THE FISH OF THE  
RIVER LUGG  
J. PROTOZOOL.  
15(3):471-480, 9 FIGS, 6 TABLES
- 801016 SPRAGUE, VICTOR; VERNICK, SANFORD H. - 1968  
LIGHT AND ELECTRON MICROSCOPE STUDY OF A NEW  
SPECIES OF GLUGEA, MICROSPORIDA, NOSEMATIDAE  
IN THE 4-SPINED STICKLEBACK APELTES QUADRACUS  
J. PROTOZOOL.  
15(3):547-571, 52 FIGS
- 801017 WALLIKER, D. - 1968  
THE NATURE OF THE IODINOPHILOUS VACUOLE OF  
MYXOSPORIDIAN SPORES AND A PROPOSAL TO  
SYNONYMIZE THE GENUS MYXOSOMA THELOHAN, 1892  
WITH THE GENUS MYXOBOLUS BUTSCHLI, 1882  
J. PROTOZOOL.  
15(3):571-575, 3 FIGS, 1 TABLE
- 801018 MEGLITSCH, PAUL A. MEGLITSCH, ALSON M. - 1968  
DISPOSITION OF PROF. R. KUDO'S MYXOSPORIDIAN  
TYPE MATERIAL  
J. PROTOZOOL.  
15(3):599
- 801019 OBRUCHEV, D. MARK-KURK, E. - 1968  
ON THE EVOLUTION OF THE PSAMMOSTEIDS  
(HETEROSTRACI)  
EEST. NSV TEAD AKAD TOIM BIOL SER.  
17(3):278-284, 4 FIGS  
IN RUSSIAN
- 801020 FRANK, STANISLAJ - 1968  
PERCOTTUS GLEHNI DYBOWSKI 1877  
AQUA TERRA  
5:96-109, 1 FIG  
IN GERMANY
- 801021 ANONYMOUS - 1968  
RARE TROPICAL RAY CAUGHT OFF NEWCASTLE  
FISHERMAN  
3:8-19, 1 FIG
- 801022 GER, JACQUES - 1968  
POISSONS DU BASSIN DE L'IVINDO, IV. NOTE SUR LA  
NOMENCLATURE DES MORMYRIDAE  
BOL. GABON CA.  
4:1-73-81
- 801023 PROCE CHARLES E. GER, JACQUES - 1968  
PARASITES DES POISSONS DU GABON-GENERALITES  
SUR LES TREMATODES MONOGENETIQUES ET  
DESCRIPTION DE SIX NOUVELLES ESPECES PARASITES  
DU GENRE BARBUS  
BOL. GABON CA.  
4:1-83-103, 38 FIGS
- 801024 FROTZLER, HOLGER - 1968  
DER MALAWI SEE UND SEINE FISCH  
AQUARIEN TERRARIEN Z.  
21(1):296-301, 5 FIGS
- 801025 VAN DEN NIEUWENHUIZEN, AREND - 1968  
DAS BLUT KRIECHT DORTHIN WOHN ES NICHT FLIESST  
(HOLLANDISCHES SPRICHWORT)  
AQUARIEN TERRARIEN Z.  
21(9):257-260, (10):293-295, 5 FIGS
- 801026 MALSERVISI, ANGELO; MAGNIN, ETIENNE - 1968  
CHANGEMENTS CYCLIQUES ANNUELS SE PRODUISANT  
DANS LES OVAIRES DE PERCA FLUVIATILIS  
FLAVESCENS (MITCHELL) DE LA REGION DE MONTREAL  
NATUR. CAN.  
95(4):929-945, 18 FIGS
- 801027 MAGNIN, ETIENNE; BEAULIEU, GERARD - 1968  
DEPLACEMENTS DU DORE JAUNE STIZOSTEDION VITREUM  
(MITCHELL) DU FLEUVE SAINT-LAURENT D'APRES LES  
DONNEES DU MARQUAGE  
NATUR. CAN.  
95(4):897-905, 1 FIG, 4 TABLES
- 801028 DUBOIS, ALFRED; LAGUEUX, ROBERT - 1968  
ETUDE COMPAREE DE L'AGE OTOLITHIQUE DE LA  
TOULADI, SALVELINUS NAMAYCUSH, LAC MISTASSINI  
QUEBEC  
NATUR. CAN.  
95(4):907-928, 5 FIGS, 9 TABLES
- 801029 HONMA, YOSHIHARU - 1968  
A PRELIMINARY LIST OF SOME MARINE ANIMALS FROM  
THE SEASHORE OF NIIGATA CITY FACED ON THE JAPAN  
SEA  
SCI. REP. NIIGATA UNIV. SER. D. BIOL.  
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- 801030 FOSHINA, TOSHIKAZU; KARIYA, TEIJI - 1968  
ON THE BACTERIAL DISEASES OF FRESH WATER FISHES  
BULL. JAP. SOC. SCI. FISH.  
34(3):237-239 + 271  
IN JAPANESE WITH ENGLISH SUMMARY
- 801031 AKAZAWA, HITOMI - 1968  
BACTERIAL DISEASES OF MARINE FISHES  
BULL. JAP. SOC. SCI. FISH.  
34(3):240-246 + 271-272  
IN JAPANESE WITH ENGLISH SUMMARY
- 801032 KAWATSU, HIROSHI; KIMURA, TAKAHISA; SAND, TOKUO  
1968  
IMMUNE RESPONSE OF FISH  
BULL. JAP. SOC. SCI. FISH.  
34(3):246-253 + 272-273  
IN JAPANESE WITH ENGLISH SUMMARY
- 801033 KUSUDA, SABUROH; TANAKA, JIRO; HARA, TAKESHI  
1968  
ON THE CONTROL OF BACTERIAL DISEASE IN FISHES  
BULL. JAP. SOC. SCI. FISH.  
34(3):253-262 + 274-276  
IN JAPANESE WITH ENGLISH SUMMARY
- 801034 EGUSA, SYUZO; KUSUDA, RIICHI; SHIMIZU, MASANAO  
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BASIC PROBLEMS OF THE STUDY OF BACTERIAL FISH  
DISEASE  
BULL. JAP. SOC. SCI. FISH.  
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- 801035 WELCH, HAROLD E. - 1968  
RELATIONSHIPS BETWEEN ASSIMILATION EFFICIENCIES  
AND GROWTH EFFICIENCIES FOR AQUATIC CONSUMERS  
ECOLOG.  
49(4):755-759, 2 FIGS, 1 TABLE
- 801036 BLUME, H. W. RENNER, E. - 1968  
WIRTSCHAFTSZWEIGKONFERENZ DER BINNENFISCHEREI  
DEUT. FISCH. ZTG.  
15(8):209-222, 1 TABLE
- 801037 ANONYMOUS - 1968  
ENTSCHEIDUNG DER TEILNEHMER DER  
WIRTSCHAFTSZWEIGKONFERENZ DER VVB  
BINNENFISCHEREI AM 28 JUNI 1968 IN LEIPZIG

	DEUT FISCH ZTG 15(8)222-227, 3 FIGS	801050	KUNZ, EMIL - 1968 DIE OODINIUMKRANKHEIT UND DER AMMONIAK. IST OODINIUM IM AQUARIUM EIN SCHWACHEPARASIT? AQUARIEN MAG (10)436-437, 2 FIGS	801038 - 801062
801038	MULLER, W. - 1968 DIAGRAMME ZUR BEURTEILUNG DER FUTTERKOSTEN IN DER KARPFFENPRODUKTION DEUT FISCH ZTG 15(8)228-230, 3 FIGS	801051	MUHL, GERHARD - 1968 CHEMISCHE ANALYSEN FÜR JEDERMANN? EIN GERÄT, DAS DEM AQUARIANER DIE CHEMIE ERLEICHTERT AQUARIEN MAG (10)438-439, 1 FIG	
801039	STEFFENS, W. - 1968 ZUWACHS UND FUTTERVERWERTUNG VON REGENBOGENFORELLEN BEI VERWENDUNG VON TROCKENMISCHFUTTER DEUT FISCH ZTG 15(8)231-234, 3 TABLES	801052	CIARDELLI, ALEJANDRO - 1968 THE ANATOMY OF THE FEEDING MECHANISM AND THE FOOD HABITS OF MICROSPATHODON CHRYSURUS (PISCES: POMACENTRIDAE) BULL MAR SCI 17(4)845-883, 33 FIGS, 1 TABLE	
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801042	POTTER, I C; STRAHAN, RONALD - 1968 THE TAXONOMY OF THE LAMPREYS GEOTRIA AND MORDACIA AND THEIR DISTRIBUTION IN AUSTRALIA PROC LINNEAN SOC LONDON 179(2)229-240, 4 FIGS, 3 TABLES	801055	IGA, T - 1968 ACTION OF NORMETANEPHRINE AND ITS RELATED COMPOUNDS ON THE MELANOPHORES IN THE TELEOST, ORYZIAS LATIPES ZOOLOG MAG 77(5)141-145, 4 FIGS IN JAPANESE WITH ENGLISH SUMMARY	
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801044	VAN DEN NIEUWENHUIZEN, AREND - 1968 TILAPIA THOLLONI MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(9)292-295, 8 FIGS	801057	MOLLER, DAG - 1968 GENETIC DIVERSITY IN SPAWNING COD ALONG THE NORWEGIAN COAST HEREDITAS 60(1/2)1-32, 5 FIGS, 8 TABLES	
801045	HOHL, DIETER - 1968 LAMPROLOGUS CONGOLENSIS...GEDANKEN ZU EINER NEUHEIT MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(9)298-299, 1 FIG	801058	FRANKE, HANNS-JOACHIM - 1968 CARNEGIELLA MARTHA MYERS, 1927 AQUA TERRA 5(10)77-80, 3 FIGS	
801046	RICHTER, HANS JOACHIM - 1968 ZUR PAARUNGSETHOLOGIE DER LABYRINTHISCHE WELCHES GESCHLECHT BESTIMMT DEN LAICHPLATZ MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(9)315	801059	SWEDMARK, MARTHA - 1968 SUR LA VARIATION GEOGRAPHIQUE DE GOBIUS MINUTUS PALLAS IL CARACTERES MORPHOLOGIQUES CHROMATIQUES ET NUMERIQUES CAH BIOL MAR 9(3)297-345, 6 FIGS, 10 TABLES	
801047	ZUKAL, RUDA - 1968 DER VERTRAGLICHE CICHLEDE, DER FLAGGENBUNTBARSCHE IST NICHT AGGRESSIV AQUARIEN MAG (10)404-407, 10 FIGS	801060	RAVIOLA, ELIO; RAVIOLA, GIUSEPPINA - 1968 IL MUSCOLO DEL CRISTALLINO DELL'OCCHIO DELLA TROTA IRIDEA (SALMO IRIDEUS) MORFOLOGIA MICROSCOPICA E ULTRAISTRUTTURA ARCH ITAL ANAT EMBRIOL 73(3)225-262, 15 FIGS	
801048	PENZES, BETHEN - 1968 DER NIMMERSATTE VEGETARIER, GRASKARPFFEN-AUCH IM AQUARIUM AQUARIEN MAG (10)417-419, 5 FIGS	801061	PAFFENHOFER, G A; ROSENTHAL, H - 1968 TROCKENGEWICHT UND KALORIEGEGHALT SICH ENTWICKELNDER HERINGSEIER HELGOLAENDER WISS MEERESUNTERS 18(1/2)45-52, 3 FIGS, 2 TABLES	
801049	GERLACH, MAGNUS; FEUCHT, HEINZ - 1968 GESUNDHEITSPOLIZEI IM URWALDFLUSS, DIE GERFUCHTETEN PIRANHAS SIND VERWANDTE DER BELIEBTESTEN NEONFISCHE AQUARIEN MAG (10)424-425, 3 FIGS	801062	FLUCHTER, J; PANDIAN, T J - 1968 RATE AND EFFICIENCY OF YOLK UTILIZATION IN DEVELOPING EGGS OF THE SOLE SOLEA SOLEA	

- 801063 KOTTHAUS, ADOLF - 1968  
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HELGOLAENDER WISS MEERESUNTERS  
18(1/2)61-68, 3 FIGS, 1 TABLE
- 801064 TESCH, F W - 1968  
SALINITÄTSTOLERANZ DES PARASITISCHEN CILIATEN  
ICHTHYOPHTHIRIUS MULTIFILIIS  
HELGOLAENDER WISS MEERESUNTERS  
18(1/2)130-135, 1 TABLE
- 801066 ENGSTROM-HEG, ROBERT - 1968  
DIET AND GROWTH OF JUVENILE SALMON IN AN  
ESTUARIAL IMPOUNDMENT  
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3(1)5-26, 9 FIGS, 6 TABLES
- 801067 JEWELL, EARLE D - 1968  
SCUBA DIVING OBSERVATIONS ON LINGCOD SPAWNING  
AT A SEATTLE BREAKWATER  
WASH DEP FISH RES BULL  
3(1)27-36, 2 FIGS, 3 TABLES
- 801068 DIDONATO, GENE - 1968  
THE WASHINGTON TROLL PINK SALMON (ONCORHYNCHUS  
GORBUSCHA) FISHERY THROUGH 1965  
WASH DEP FISH RES BULL  
3(1)37-50, 3 FIGS, 8 TABLES
- 801069 SENN, HARRY G; NOBLE, RICHARD E - 1968  
CONTRIBUTION OF COHO SALMON ONCORHYNCHUS  
KISUTCH FROM A COLUMBIA RIVER WATERSHED  
HATCHERY  
WASH DEP FISH RES BULL  
3(1)51-62, 2 FIGS, 11 TABLES
- 801070 BERGMAN, PETER K; FISCUS, HUGH F; JEFFERTS, K  
B; HAGER, ROBERT C - 1968  
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WIRE FISH TAG  
WASH DEP FISH RES BULL  
3(1)63-84, 20 FIGS, 3 TABLES
- 801071 DIDONATO, GENE - 1968  
THE INCIDENCE OF MOUTH INJURIES ON PACIFIC  
SALMON (GENUS ONCORHYNCHUS) IN WASHINGTON  
WASH DEP FISH RES BULL  
3(1)85-92, 2 FIGS, 7 TABLES
- 801072 MATHEWS, STEPHEN B; WENDLER, HENRY O - 1968  
ECONOMIC CRITERIA FOR DIVISION OF CATCH BETWEEN  
SPORT AND COMMERCIAL FISHERIES WITH SPECIAL  
REFERENCE TO COLUMBIA RIVER CHINOOK SALMON  
WASH DEP FISH RES BULL  
3(1)93-104, 2 FIGS, 4 TABLES
- 801073 THOMSON, KEITH STEWART - 1968  
A NEW DEVONIAN FISH (CROSSOPTERYGII:  
RHIPIDISTIA) CONSIDERED IN RELATION TO THE  
ORIGIN OF THE AMPHIBIA  
POSTILLA(YALE PEABODY MUSEUM)  
1-13, 13 FIGS
- 801074 TAKEUCHI, KUNISUKE - 1968  
SPECIFICITY OF CAROTENOID TRANSFER IN THE  
LARVAL MEDAKA, ORYZIAS LATIPES  
J CELL PHYSIOL  
72(1)43-48, 3 FIGS, 3 TABLES
- 801075 SLICHER, ANNA M; PICKFORD, GRACE E - 1968  
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HEMOPOIESIS IN A HYPOPHYSECTOMIZED CYPRINODONT  
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PHYSIOL ZOOLOG  
41(3)293-297, 2 TABLES
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- 801078 VINCENT, FREDERIC - 1968  
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CHRYSOPTERUS (RAFINESQUE) IN UTAH LAKE, UTAH  
GREAT BASIN NATUR  
28(2)63-69, 3 FIGS
- 801079 GUSEV, A G; IVANOVA, M B, EDITED BY - 1968  
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INFLUENCE OF POLLUTION  
IN: POLLUTION AND SELF PURIFICATION IN THE NEVA  
RIVER  
TR ZOOLOG INST ACAD SSSR, 45, 258-271, 3 FIGS, 6  
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- 801080 BLANCHETE-AUDEZERE, CORYSE - 1968  
HYPERGLYCEMIE ET RETARD DE CROISSANCE CHEZ  
LEBISTES RETICULATUS  
C R SEANCES SOC BIOL  
162(2)334-338, 2 FIGS
- 801081 POTTS, GEOFFREY W - 1968  
THE ETHOLOGY OF CRENILABRUS MELANOCERCUS WITH  
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J MAR BIOL ASS UK  
48(2)279-293, 6 FIGS, 1 TABLE
- 801082 SOUTHWARD, A J; SOUTHWARD, EVE C - 1968  
ON A WHOLE ANIMAL METHOD FOR THE HISTOCHEMICAL  
LOCALIZATION OF ENZYMES UNDER FIELD CONDITIONS  
J MAR BIOL ASS UK  
48(2)323-334, 9 FIGS
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PSEUDOPHYLLIDAE) IN TURBOT AND BRILL FROM  
BRITISH COASTAL WATERS  
J MAR BIOL ASS UK  
48(2)335-340, 3 FIGS, 1 TABLE
- 801084 FORSTER, G R - 1968  
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J MAR BIOL ASS UK  
48(2)479-483, 1 TABLE
- 801085 LIVINGSTON, ROBERT J - 1968  
A VOLUMETRIC RESPIROMETER FOR LONG-TERM STUDIES  
OF SMALL AQUATIC ANIMALS  
J MAR BIOL ASS UK  
48(2)485-497, 8 FIGS
- 801086 MAKAREWICZ, W - 1968  
TEMPERATURE DEPENDENCE OF FISH MUSCLE  
AMPAMIHYDROLASE  
J MAR BIOL ASS UK  
48(2)535-542, 2 FIGS, 2 TABLES
- 801087 SAITO, SUSUMU; SHIMIZU, TAKAO - 1968  
A NEW TREMATODE, METAGONIMUS OTSURUI SP NOV  
FROM THE FRESH-WATER FISHES (TREMATODA:  
HETEROPHYIDAE)  
JAP J PARASITOL  
17(3)167-174, 12 FIGS
- 801088 HOPKINS, C R; BAKER, BRIDGET I - 1968  
THE FINE STRUCTURAL LOCALIZATION OF ACID  
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PITUITARY  
J CELL SCI  
3(3)357-364, 9 FIGS
- 801089 DORNESCO, G T; MISCALENCO, D - 1968

- 801090 SANO, NORITATSU - 1968  
ON SOME TECHNIQUES OF DETECTING SALMON BY THE  
ECHO SOUNDING METHOD-II. ON THE TRIAL OF  
HORIZONTAL FISH FINDER FOR SALMON  
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34(8)670-680, 4 FIGS, 2 TABLES  
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- 801091 CHIKUNI, SHIRO - 1968  
ON THE SCALE CHARACTERS OF THE PACIFIC OCEAN  
PERCH IN THE BERING SEA-I. SOME SCALE  
CHARACTERS AND THEIR VARIATIONS BY BODY REGIONS  
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34(8)681-686, 7 FIGS, 1 TABLE  
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- 801092 MASUZAWA, HISASHI; MATSUURA, HIDEKI 1968  
STUDIES ON RESOURCES OF PARAPRISTIPOMA  
TRILINEATUM-II. SPAWNING SEASON  
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34(8)655-659, 2 FIGS, 1 TABLE  
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- 801093 SANO, NORITATSU - 1968  
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ECHO SOUNDING METHOD-I. ESTIMATION OF THE  
FISHING GROUNDS OF SALMON ACCORDING TO SWIMMING  
SPEED AND SWIMMING DEPTH CALCULATED FROM ECHO  
TRACES ON RECORDING PAPERS  
BULL JAP SOC SCI FISH  
34(8)660-669, 4 FIGS, 2 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801094 OGURI, MIKIO; OMURA, YURI; HIBIYA, TAKASHI  
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UPTAKE OF 14 C-LABELLED 5 HYDROXYTRYPTOPHAN  
INTO THE PINEAL ORGAN OF RAINBOW TROUT  
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34(8)687-690, 2 TABLES
- 801095 ISHIWATA, NAONORI - 1968  
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FISHES-IV. SATIATION CURVE  
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34(8)691-694, 2 FIGS, 3 TABLES  
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- 801096 HONMA, YOSHIHARU; TAMURA, EIMITSU - 1968  
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SALVELINUS-V. CYTOLOGY OF THE PANCREATIC  
ISLETS IN THE NIKKO-IWANA SALVELINUS  
LEUCOMAENIS PLUVIUS HILGENDORF  
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AGE AND GROWTH OF YELLOWFIN SOLE IN THE  
SOUTHEASTERN BERING SEA  
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34(7)562-569, 8 FIGS, 5 TABLES  
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EFFECT OF FISH FINDERS ON THE CATCH OF MACKEREL  
VERTICAL LONG LINE FISHERY  
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34(7)555-561, 8 FIGS, 1 TABLE 34(7)576-580, 1  
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FLUCTUATION OF THE FISHING ABILITY OF MACKEREL  
TENBIN ANGLING BOATS OCCURRING WITH THE CHANGE  
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34(7)581-585, 2 FIGS, 4 TABLES  
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- 801100 MAEDA, TATSUAKI; FUJII, TAKEJI; MASUDA, KIYOSHI 1968
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AMOUNT  
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34(7)604-607, 2 FIGS, 3 TABLES  
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- 801102 KAYAMA, MITSU; TSUCHIYA, YASUHIKO - 1968  
INCORPORATION OF ACETATE-1-14C INTO GLYCERYL  
ETHERS OF LEOPARD SHARK LIVER OIL  
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34(7)640-645, 2 FIGS, 1 TABLE
- 801103 KAYAMA, MITSU - 1968  
COMPARISON OF THE SHARK LIVER OILS OF THE  
SO-CALLED 'KUROKO-ZAME' CAUGHT OFF SANRIKU  
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34(7)646-650, 2 FIGS, 2 TABLES  
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- 801104 PFEIFFER, WOLFGANG - 1968  
DAS GERUCHSORGAN DER POLYPTERIDAE (PISCES,  
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63(1)75-110, 11 FIGS, 2 TABLES
- 801105 ANONYMOUS - 1968  
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6(6)22, 5 FIGS
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AMBERJACK, SERIOLA AUREOVITTATA  
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34(7)618-626, 6 FIGS, 3 TABLES
- 801107 APEKIN, V S - 1968  
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PORTIONS OBTAINED FROM DIFFERENT FEMALES OF  
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181(1/2/3)230-233, 4 FIGS  
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- 801108 NEIFAKH, A A; KRIGSHABER, M P; IL'IN, M I  
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OF MISGURNUS FOSSILIS FOLLOWING  
RADIOINACTIVATION OF NUCLEI  
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181(1/2/3)253-256, 4 FIGS  
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(26)SUPPL 2: V + 36, 11 FIGS, 1 TABLE
- 801111 MINA, M V - 1968  
A NOTE ON A PROBLEM IN THE VISUAL QUALITATIVE  
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J CONS CONS PERMA INT EXPLOR MER  
32(1)93-97, 2 FIGS
- 801112 ILES, T D - 1968

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J CONS CONS PERMA INT EXPLOR MER  
(1)98-116, 9 FIGS, 6 TABLES
- 801113 BARKER, C J - 1968  
CONSUMPTION TRIALS AND EDIBLE FRACTIONS OF  
VARIOUS COMMERCIALY IMPORTANT SPECIES OF FISH  
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32(1)117-122, 3 TABLES
- 801114 OGURA, YASUMI; NARA, JUNKO; YOSHIDA, TAMAO  
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COMPARATIVE PHARMACOLOGICAL ACTIONS OF  
CIGUATOXIN AND TETRODOTOXIN, A PRELIMINARY  
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6(2)131-140, 10 FIGS, 1 TABLE
- 801115 BLACKER, R W - 1968  
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HYDROGRAPHIC CONDITIONS IN THE SVALBARD AREA  
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- 801116 CORLETT, JOHN - 1968  
CAPELIN IN THE NORTH-WESTERN BARENTS SEA  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
EXPLOR MER  
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- 801117 OLSEN, STEINAR - 1968  
SOME RESULTS OF THE NORWEGIAN CAPELIN  
INVESTIGATIONS 1960-1965  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
EXPLOR MER  
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- 801118 PROKHOROV, V S - 1968  
MATERIALS ON THE ECOLOGY OF CAPELIN IN THE  
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RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
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158:23-31, 2 FIGS, 5 TABLES
- 801119 MAGNUSSON, JUTTA - 1968  
ON THE OCCURRENCE OF CAPELIN LARVAE IN  
ICELANDIC WATERS IN RELATION TO TEMPERATURE  
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- 801120 VILHJALMSSON, HJALMAR - 1968  
A CONTRIBUTION TO THE KNOWLEDGE OF THE  
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- 801121 KANNEWORFF, PER - 1968  
PRELIMINARY RESULTS AND SOME PROBLEMS  
CONCERNING CAPELIN INVESTIGATIONS AT GREENLAND  
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EXPLOR MER  
158:38-40, 4 FIGS
- 801122 TEMPLEMAN, WILFRED - 1968  
REVIEW OF SOME ASPECTS OF CAPELIN BIOLOGY IN  
THE CANADIAN AREA OF THE NORTH-WEST ATLANTIC  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
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158:41-53, 4 FIGS, 1 TABLE
- 801123 BORODULINA, O D - 1968  
ARGENTINA SILUS IN THE ATLANTIC OCEAN  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
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- 801124 KEYSER, H D - 1968  
INVESTIGATIONS ON THE STOCKS OF ARGENTINA SILUS  
IN THE WATERS OFF NORWAY ICELAND AND  
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RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
EXPLOR MER  
158:58-64, 5 FIGS, 11 TABLES
- 801125 WOOD, R J; RAITT, D F S - 1968  
SOME OBSERVATIONS ON THE BIOLOGY OF THE GREATER  
SILVER SMELT, PARTICULARLY IN THE NORTH-EASTERN  
ATLANTIC OCEAN  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
EXPLOR MER  
158:64-73, 5 FIGS, 7 TABLES
- 801126 BELYANINA, T N - 1968  
DYNAMICS OF SMELT POPULATIONS IN SUB-ARCTIC  
WATERS  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
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158:74-79, 1 FIG, 4 TABLES
- 801127 POULSEN, ERIK M - 1968  
NORWAY POUT: STOCK MOVEMENTS IN THE SKAGERAK  
AND THE NORTH-EASTERN NORTH SEA  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
EXPLOR MER  
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- 801128 RAITT, D F S - 1968  
OBSERVATIONS ON THE POPULATION DYNAMICS OF THE  
NORWAY POUT IN THE NORTH SEA  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
EXPLOR MER  
158:85-90, 5 FIGS
- 801129 BARANENKOVA, A S; KHOKHLINA, N S - 1968  
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NORWAY POUT OFF NORTH-WESTERN NORWAY AND IN THE  
BARENTS SEA  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
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158:90-100, 14 FIGS, 8 TABLES
- 801130 LAHN-JOHANNESSEN, J - 1968  
SOME OBSERVATIONS ON NORWAY POUT AND BLUE  
WHITING IN ICES SUB-AREAS I AND II  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
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158:100-104, 2 FIGS, 2 TABLES
- 801131 POLONSKY, A S - 1968  
MATERIALS ON THE BIOLOGY OF POUTASSOU  
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EXPLOR MER  
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THE BIOLOGY AND COMMERCIAL POTENTIAL OF THE  
BLUE WHITING IN THE NORTHEAST ATLANTIC  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
EXPLOR MER  
158:108-115, 6 FIGS, 3 TABLES
- 801133 ZILANOV, V K - 1968  
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POUTASSOU (RISSO), IN THE NORTH-EAST ATLANTIC  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
EXPLOR MER  
158:116-122, 6 FIGS, 3 TABLES
- 801134 ZILANOV, V K - 1968  
OCCURRENCE OF MICROMESISTIUS POUTASSOU (RISSO)  
LARVAE IN THE NORWEGIAN SEA IN JUNE 1961  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
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158:122-125, 1 FIG, 2 TABLES
- 801135 HOGNESTAD, PER T - 1968  
OBSERVATIONS ON POLAR COD IN THE BARENTS SEA  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
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158:126-130, 6 FIGS, 2 TABLES

- 801136 PONOMARENKO, V P - 1968  
SOME DATA ON THE DISTRIBUTION AND MIGRATIONS OF  
POLAR COD IN THE SEAS OF THE SOVIET ARCTIC  
RAPP PROCES-VERBAUX REUNIONS CONS PERMA INT  
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(TORPEDO MARMORATA); ROLE ET CARACTERISTIQUES  
DE LA DECHARGE ELECTRIQUE  
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- 801142 DEJOURS, PIERRE; ARMAND, JACQUES;  
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TENSIONS DE O2 ET DE CO2 DE L'EAU INSPIREE ET  
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J PHYSIOL (PARIS)  
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DES CATECHOLAMINES CIRCULANTES ET SUR LES  
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VULGARIS C)  
J PHYSIOL (PARIS)  
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- 801144 PEQUIN, L - 1968  
LA GLUTAMINE SYNTHETASE CHEZ LA CARPE (CYPRINUS  
CARPIO L' VARIETE MIROIR) REPARTITION ET  
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L'ANESTHESIE  
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RASCASSE (SCORPAENA PORCUS L) EN FONCTION DE LA  
COMPOSITION IONIQUE DU MILIEU  
J PHYSIOL (PARIS)
- 60 SUPPL 1, 325
- 801148 MANN, HANS - 1968  
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12, 105-122, 7 FIGS, 2 TABLES
- 801149 KRUSHINSKII, L V - 1968  
IS THERE MIND IN ANIMALS?  
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POECILIA SPHENOPS (POECILIIDAE, PISCES)  
Z MORPHOL TIERE  
62(3)211-244, 6 FIGS, 1 TABLE
- 801155 HEMPEL, GOTTHILF - 1968  
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68(21)650-656, 8 FIGS
- 801156 DE GROOT, J S - 1968  
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PLATTFISCHEN  
UMSCH WISS TEC  
68(21)665, 1 FIG
- 801157 MOTTA, CATARINA DA SILVA; GOMES, DELIR CORREA  
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GRACILIS' (DIESING, 1835) (POROCEPHALIFORMES,  
LINGUATULIDA)  
ATAS SOC BIOL RIO DE JANEIRO  
12(2)67-68, 4 FIGS
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MODEL PARAMETERS WITH SPECIAL REFERENCE TO THE  
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	801173	PIIPER, J.; BAUMGARTEN-SCHUMANN, D - 1968 TRANSPORT OF O <sub>2</sub> AND CO <sub>2</sub> BY WATER AND BLOOD IN GAS EXCHANGE OF THE DOGFISH (SCYLIORHINUS STELLARIS) RESP PHYSIOL 5(3)326-337, 4 FIGS, 1 TABLE	
	801161	VANNI, DOUGLAS CARROLL - 1968 STUDIES ON AN UNUSUAL BLOOD FACTOR IN THE CALIFORNIA BONITO AND THE LECTIN WITH WHICH IT REACTS DISS ABSTR 29(1)63-B	
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	801162	CLEAVER, FREDERICK CHARLES - 1968 THE EFFECTS OF OCEAN FISHING UPON THE COLUMBIA RIVER HATCHERY STOCKS OF FALL CHINOOK SALMON DISS ABSTR 29(1)265-B	
	801175	KUGLER, K; CHEN, H - 1968 THE DISTRIBUTION OF CHIRONOMID LARVAE IN LAKE TIBERIAS (KINNERET) AND THEIR OCCURRENCE IN THE FOOD OF FISH OF THE LAKE ISRAEL J ZOOLOG 17(2/3)97-115, 9 FIGS, 7 TABLES	
	801163	WEISS, MARTIN - 1968 AN ULTRASTRUCTURAL STUDY OF THE PITUITARY OF XIPHOPHORUS MACULATUS (WITH) PART TWO: MICROGRAPHS DISS ABSTR 29(1)353-B-354-B	
	801176	BUCKNALL, GEOFFREY - 1968 RAINBOW TROUT IN THE CHALK STREAMS. DOUBTS ABOUT PRESENT-DAY RESTOCKING POLICIES AND THEIR EFFECT ON SPORT FIELD 232(6038)655, 1 FIG	
	801164	OHNESORGE, F K; RAUCH, RENATE - 1968 UNTERSUCHUNGEN UBER PERISTALTIK AM DARM DER SCHLEIE (TINCA VULGARIS) Z VERGL PHYSIOL 58(2)153-170, 9 FIGS	
	801177	GEORGE, JEAN - 1968 THE EEL, NATURE'S EXTRAORDINARY CHANGELING OUTDOOR WORLD 1(3)24-29, 4 FIGS	
	801165	ATHENSTAEDT, HERBERT - 1968 PERMANENT ELECTRIC POLARIZATION AND PYROELECTRIC BEHAVIOUR OF THE VERTEBRATE SKELETON. I. THE AXIAL SKELETON OF THE VERTEBRATES (EXCLUDING MAMMALIA) Z ZELLFORSCH 91(1)135-152, 12 FIGS	
	801178	LIEM, KAREL F - 1968 COELACANTH BULL FIELD MUS NATURE HIST 39(2)3, 1 FIG	
	801166	OHNESORGE, F K; SCHMITZ, GISELA - 1968 EINFLUSS DER BADTEMPERATUR UND DER ADAPTATIONSTEMPERATUR AUF DIE KONTRAKTIONEN DES ISOLIERTEN DARMS DER SCHLEIE (TINCA VULGARIS) Z VERGL PHYSIOL 58(2)171-184, 2 FIGS, 7 TABLES	
	801179	MATTHEIJ, J A M - 1968 THE CELL TYPES IN THE ADENOHYPOPHYSIS OF THE BLIND MEXICAN CAVE FISH, ANOPTICHTHYS JORDANI (HUBBS AND INNES) Z ZELLFORSCH 90(4)542-553, 5 FIGS, 1 TABLE	
	801167	YANNI, MOREAD; FARID, MONA - 1968 STUDIES ON THE BIOCHEMISTRY OF SWIMBLADDER OF SYNOBONTIS SCHALL Z VERGL PHYSIOL 58(2)185-189, 2 TABLES	
	801180	GUTTOWA, ALICJA - 1968 AMINO ACIDS IN THE TISSUES OF PROCEROIDS OF TRIAENOPHORUS NODULOSUS (CESTODA) AND IN THE COELOMIC FLUIDS OF THEIR HOST, EUDIPTOMUS GRACILIS (COPEPODA) BEFORE AND AFTER INFECTION ACTA PARASITOL POL 15(40/50)313-320, 4 FIGS	
	801168	ZEISKE, ECKART - 1968 PRADISPOSITIONEN BEI MOLLIES SPHENOPS (PISCES, POECILIIDAE) FUR EINEN UBERGANG ZUM LEBEN IN SUBTERRANEN GEWASSERN Z VERGL PHYSIOL 58(2)190-222, 13 FIGS, 11 TABLES	
	801181	BOROWIK, MARIA M - 1968 DYNAMICS OF INFECTION OF VARIOUS AGE GROUPS OF ALBURNUS ALBURNUS L IN THE ZEGRZYNSKI RESERVOIR ACTA PARASITOL POL 15(40/50)321-332, 1 FIG, 6 TABLES	
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	801182	GUPTA, A N - 1968 STUDIES ON PSEUDOHETEROLEBES G N (TREMATODA: DIGENEA) FROM TETRADON VIRIDIPUNCTATUS (GUNTHER) FROM MADRAS, INDIA WITH THE DESCRIPTION OF P. INDICUS SP N AS ITS TYPE-SPECIES AND KEY TO THE GENERA OF FAMILY OPISTHOLEBETIDAE FUKUI, 1929 ACTA PARASITOL POL 15(40/50)355-359, 1 FIG	
	801170	TRACK, N S; JARRETT, R J; KEEN, H - 1968 INSULIN BIOSYNTHESIS STUDIES OF RIBONUCLEIC ACID METABOLISM IN VITRO IN ISOLATED SURVIVING MAMMALIAN AND FISH ISLETS BIOCHEM J 109(3)31P-32P	
	801183	GUPTA, A N - 1968 HETEROLEBES SPINDALIS SP N, FAMILY OPISTHOLEBETIDAE FUKUI, 1929 (TREMATODA: DIGENEA) FROM TETRADON IMMACULATUS (CANTOR) AND DISCUSSION ON THE STATUS OF THE GENUS HETEROLEBES OZAKI, 1935 ACTA PARASITOL POL 15(40/50)361-365, 1 FIG	
	801171	GRANT, P T; REID, K B M - 1968 BIOSYNTHESIS OF AN INSULIN PRECURSOR BY COD ISLET TISSUE AND THE OCCURRENCE OF INTERMEDIATES IN THE CONVERSION TO INSULIN BIOCHEM J 109(3)32P	
	801172	BAUMGARTEN-SCHUMANN, D; PIIPER, J - 1968 GAS EXCHANGE IN THE GILLS OF RESTING UNANESTHETIZED DOGFISH (SCYLIORHINUS STELLARIS) RESP PHYSIOL	
	801184	CARLANDER, KENNETH D - 1968 OBSERVATIONS ON FISHERY MANAGEMENT IN AFRICA PROC IOWA ACAD SCI 73, 145-151	



- 801185 CORNELIUS, RICHARD R - 1968  
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PROC IOWA ACAD SCI  
73, 177-179, 1 FIG, 1 TABLE
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5(1)127-134, 2 FIGS
- 801187 CAHN, PHYLLIS H; SHAW, EVELYN; ATZ, ETHEL H  
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DEVELOPMENT OF SCHOOLING IN THE ATERINID FISH,  
MENIDIA  
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18(3)660-670, 4 FIGS, 4 TABLES
- 801188 GILBERT, CARTER R - 1968  
WESTERN ATLANTIC BATRACHOIDID FISHES OF THE  
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18(3)671-730, 16 FIGS, 13 TABLES
- 801189 WATTS, D C - 1968  
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GUIDELINES OF EVOLUTION  
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3, 1-114, 14 FIGS, 13 TABLES
- 801190 SMITH, J N - 1968  
THE COMPARATIVE METABOLISM OF XENOBIOTICS  
ADVAN COMP PHYSIOL BIOCHEM  
3, 173-232, 3 FIGS, 3 TABLES
- 801191 OLIVA, OTA; SKOREPA, VLASTISLAV - 1968  
THE MYODOME IN BARBEL, BARBUS BARBUS (LINNAEUS)  
AND TENCH, TINCA TINCA (LINNAEUS)  
VESTN CESK SPOLECNOSTI ZOOL  
32(3)227-231, 4 FIGS
- 801192 SINGH, C P; KAPOOR, B G - 1968  
CONTRIBUTION ON THE HISTOLOGY OF THE HEAD-SKIN  
OF A CARP, CIRRHINA REBA (HAM)  
VESTN CESK SPOLECNOSTI ZOOL  
32(3)272-274, 7 FIGS
- 801193 PAVLOVIC, VOJISLAV - 1968  
DIE JAHRESZEITLICHEN SCHWANKUNGEN DES  
BLUTZUCKER-SPIEGELS UND DES LEBERGLYCOGENS VON  
THYMALLUS THYMALLUS L UND SALMO TRUTTA M FARIO  
L BEI NAHEZU KONSTANTER TEMPERATUR DES WASSERS  
Z VERGL PHYSIOL  
59(1)72-77, 2 TABLES
- 801194 CROUZY, R; ALI, M A - 1968  
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RETINOMOTOR RESPONSES IN THE BROOK TROUT  
SALVELINUS FONTINALIS (MITCHILL)  
Z VERGL PHYSIOL  
59(1)86-89, 1 FIG
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EINE DESKRIPTIVE VERHALTENSANALYSE DES  
SEGELFLOSSERS (PTEROPHYLLUM SCALARE CUV AND VAL,  
CICHLIDAE, PISCES)  
Z TIERPSYCHOL  
25(5)559-587, 17 FIGS
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COVELLI, I - 1968  
THYROID IODOPROTEINS IN VERTEBRATES:  
ULTRACENTRIFUGAL PATTERN AND IODINATION RATE  
COMP BIOCHEM PHYSIOL  
27(1)67-82, 5 FIGS, 6 TABLES
- 801197 UTIDA, SEIITIRO; OIDE, MOMOKO; OIDE, HIROSHI  
1968  
IONIC EFFECTS ON ALKALINE PHOSPHATASE ACTIVITY  
IN INTESTINAL MUCOSA WITH SPECIAL REFERENCE TO  
SEA-WATER ADAPTATION OF THE JAPANESE EEL,  
ANGUILLA JAPONICA
- 801198 RALPH, R; EVERSON, INIGO - 1968  
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FISH  
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27(1)299-307, 2 FIGS, 2 TABLES
- 801199 MARVIN, DANIEL E; HEATH, ALAN G - 1968  
CARDIAC AND RESPIRATORY RESPONSES TO GRADUAL  
HYPOXIA IN THREE ECOLOGICALLY DISTINCT SPECIES  
OF FRESH-WATER FISH  
COMP BIOCHEM PHYSIOL  
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- 801200 ANONYMOUS - 1968  
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- 801201 ANONYMOUS - 1968  
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AUST FISH NEWSLETT  
27(9)34-35 + 37, 2 FIGS, 1 TABLE
- 801202 ANONYMOUS - 1968  
SNOEK  
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- 801203 ANONYMOUS - 1968  
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AUST FISH NEWSLETT  
27(9)42-43 + 45, 1 FIG, 1 TABLE
- 801204 ANONYMOUS - 1968  
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AUST FISH NEWSLETT  
27(9)46-47 + 49, 1 FIG, 2 TABLES
- 801205 WAITZENEGGER, MARGUERITE; SERFATY, ALBERT  
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MODIFICATION EXPERIMENTALE DE LA SENSIBILITE  
SAISONNIERE A L'ADRENALINE CHEZ UN TELEOSTEEN  
DEAU DOUCE, LA CARPE (CYPRINUS CARPIO L).  
INFLUENCE DE L'APPORT D'EXTRAITS HYPOPHYSAIRES  
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- 801206 DUTT, N H GOPAL; GOVINDAN, P - 1968  
ALKALINE PHOSPHATASE ACTIVITY IN THE OVARY OF  
ANABAS SCANDENS (CUVIER)  
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- 801207 PAPERNA, ILAN - 1968  
MONOGENETIC TREMATODES COLLECTED FROM FRESH  
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10(3)88-100, 20 FIGS
- 801208 WALVIG, FINN - 1968  
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- 801209 HALVORSEN, ODD - 1968  
STUDIES ON THE HELMINTH FAUNA OF NORWAY. X.  
TRIAENOPHORUS NODULOSUS (PALLAS, 1760)  
(CESTODA) IN BOGSTAD LAKE. I. COPEPODS AS FIRST  
INTERMEDIATE HOSTS  
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15, 124-129, 3 FIGS, 2 TABLES
- 801210 HALVORSEN, ODD; WILLIAMS, H HARTFORD - 1968  
STUDIES OF THE HELMINTH FAUNA OF NORWAY. IX.  
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MONSTROSA FROM OSLO FJORD, WITH EMPHASIS ON ITS  
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801211 - 801235	DEGREE OF INFECTION NYTT MAG ZOOL (OSLO) 15, 130-142, 22 FIGS, 2 TABLES	31(3/4)516-544, 13 FIGS, 23 TABLES
801211	KNOSCHE, R - 1968 UNTERSUCHUNGEN UBER DIE MOGLICHKEITEN DER VERWENDUNG VON LICHT ZUM FISCHFANG IN DER BINNENFISCHEREI DER DEUTSCHEN DEMOKRATISCHEN REPUBLIK DEUT FISCH ZTG 15(9)237-246, 5 TABLES	801224 ISHAC, MOUNIR M; DOLLAR, ALEXANDER M - 1968 STUDIES ON MANGANESE UPTAKE IN TILAPIA MOSSAMBICA AND SALMO GAIRDNERII HYDROBIOLOGIA 31(3/4)572-584, 3 FIGS, 7 TABLES
801212	MATTHEIS, TH; ODENING, K - 1968 MASSENBEFALL VON GRASKARPEN (CTENOPHARYNGODON IDELLA) MIT METACERCARIEN VON APHARYNGOSTRIGEA CORNU DEUT FISCH ZTG 15(9)246-250, 2 FIGS	801225 HIPKINS, FRED W - 1968 CONSTRUCTION AND OPERATION OF A FLOATING ALASKA SALMON TRAP US FISH WILDLIFE SERV FISH LEAFL (611)1-12, 8 FIGS, 1 TABLE
801213	MERLA, GUNTER - 1968 WAS DER TEICHWIRT IM FRUHLIAHR SONST NOCH ZU BERUECKSICHTIGEN HAT DEUT FISCH ZTG 15(9)251-254, 4 FIGS	801226 RAHMANN, HINRICH - 1968 SYNTHESEORT UND FERNTRANSPORT VON PROTEINEN IM FISCHHIRN UMSCH WISS TEC 68(9)276-277, 2 FIGS
801214	ROBISON, HENRY W - 1968 SPAWNING CHEIRODON.AXELRODI FISH CULT 48(3)17-18	801227 COWGILL, URSULA M; HUTCHINSON, G E; SKINNER, H CATHERINE W - 1968 THE ELEMENTARY COMPOSITION OF LATIMERIA CHALUMNAE SMITH PROC NAT ACAD SCI USA 60(2)456-463, 2 FIGS, 3 TABLES
801215	FONTAINE, M - 1968 L'AQUICULTURE MARINE BULL CENTRE ETUD RECH SCI BIARRITZ 7(1)7-25	801228 LYTTHGOE, J N - 1968 VISUAL PIGMENTS AND VISUAL RANGE UNDERWATER VISION RES 8(AUGUST)997-1012, 10 FIGS, 1 TABLE
801216	FIERSTINE, HARRY L; WALTERS, VLADIMIR - 1968 STUDIES IN LOCOMOTION AND ANATOMY OF SCOMBROID FISHES MEM S CALIF ACAD SCI 6, 1-31, 25 FIGS, 7 TABLES	801229 FRYER, GEOFFREY - 1968 A NEW PARASITIC ISOPOD OF THE FAMILY CYMOTHODAE FROM CLUPEID FISHES OF LAKE TANGANYIKA-A FURTHER LAKE TANGANYIKA ENIGMA J ZOOL PROC ZOOL SOC LONDON 156(1)35-43, 18 FIGS
801217	PIENAAR, U DE V - 1968 THE FRESHWATER FISHES OF THE KRUGER NATIONAL PARK KOEDOE (11)1-82, 95 FIGS, 1 TABLE	801230 FRYER, GEOFFREY - 1968 THE PARASITIC CRUSTACEA OF AFRICAN FRESHWATER FISHES; THEIR BIOLOGY AND DISTRIBUTION J ZOOL PROC ZOOL SOC LONDON 156(1)45-95, 10 FIGS, 2 TABLES
801218	MARS-VALLETT, A E - 1968 LE BROCHET BETES ET NATURE (57)13-15, 4 FIGS	801231 MACKIEWICZ, JOHN S - 1968 VITELLOGENESIS AND EGGSHELL FORMATION IN CARYOPHYLLAEUS LATICEPS (PALLAS) AND CARYOPHYLLAEUS FENNICA (SCHNEIDER) (CESTOIDEA: CARYOPHYLLAEIDEA) Z PARASITENK 30(1)18-32, 6 FIGS, 2 TABLES
801219	CIULLO, ROBERT HENRY - 1968 THE HISTOLOGY OF THE DIGESTIVE TUBE OF THE CYPRINODONTIFORM FISH FUNDULUS HETEROCILITUS (LINNAEUS) DISS ABSTR 29(1)409B-410B	801232 OHMAN-JAMES, CHRISTINA - 1968 HISTOCHEMICAL STUDIES OF THE CESTODE DIPHYLLOBOOTHRIUM DENDRITICUM NITZSCH, 1824 Z PARASITENK 30(1)40-56, 13 FIGS, 3 TABLES
801220	MIDLIDGE, F H JR; MALSBERGER, R G - 1968 IN VITRO MORPHOLOGY AND MATURATION OF LYMPHOCTYSIS VIRUS J VIROL 2(8)830-835, 11 FIGS	801233 SCHUBERT, GOTTFRIED - 1968 ELEKTRONENMIKROSKOPISCHE UNTERSUCHUNGEN ZUR SPORENTWICKLUNG VON HENNIGUYA PINNAE SCHUBERT (SPOROZOA, MYXOSPORIDIA, MYXOBOLIDAE) Z PARASITENK 30(1)57-77, 15 FIGS
801221	BELL, F HEWARD; BEST, E A - 1968 THE HALIBUT FISHERY SOUTH OF WILLAPA BAY, WASHINGTON REP INT PAC HALIBUT COMM (48)1-36, 6 FIGS, 6 TABLES	801234 BRATEN, TROND - 1968 AN ELECTRON MICROSCOPE STUDY OF THE TEGUMENT AND ASSOCIATED STRUCTURES OF THE PROCERCOID OF DIPHYLLOBOOTHRIUM LATUM (L) Z PARASITENK 30(1)95-103, 7 FIGS
801222	SERVIZI, J A; GORDON, R W; MARTENS, D W - 1968 TOXICITY OF TWO CHLORINATED CATECHOLS, POSSIBLE COMPONENTS OF KRAFT PULP MILL BLEACH WASTE INT PAC SALMON FISH COMM PROG REP (17)1-43, 4 FIGS, 9 TABLES	801235 BRATEN, TROND - 1968 THE FINE STRUCTURE OF THE TEGUMENT OF DIPHYLLOBOOTHRIUM LATUM (L): A COMPARISON OF THE PLEROCERCOID AND ADULT STAGES Z PARASITENK 30(1)104-112, 8 FIGS, 1 TABLE
801223	WAWRIK, FRIEDRIKE - 1968 WINTERSCHICHTUNG 1965/66 IN ZWOLF WALDVIERTLER FISCHTEICHEN HYDROBIOLOGIA	

- 801236 NASIR, PIR; DIAZ, MARCOS TULIO - 1968  
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THE LIFE CYCLE OF ECHINOCHASMUS ZUBEDAKHANAME  
SP N  
Z PARASITENK  
30(2)126-133, 5 FIGS
- 801237 NASIR, PIR; SCORZA, JOSE V - 1968  
STUDIES ON FRESHWATER LARVAL TREMATODES. XVIII.  
THE LIFE CYCLE OF STEPHANOPRORA DENTICULATA  
(RUDOLPHI, 1802) ODHNER, 1910 (TREMATODA:  
DIGenea: ECHINOSTOMATIDAE)  
Z PARASITENK  
30(2)134-148, 7 FIGS
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CICHLIDAE)  
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- 801243 MASON, JACK - 1968  
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- 801244 THREINEN, C W - 1968  
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- 801245 DALY, RUSSELL - 1968  
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33(4)6-7, 2 FIGS
- 801246 WHEELER, ALWYNE - 1968  
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ZOOL ANZ  
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ZOOL ANZ  
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CAVERNICOLEN, GENZAHL UND MANIFESTATIONSART  
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ZOOLOG ANZ  
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THYROIDE HETEROTYPIQUE  
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CR SEANCES SOC BIOL  
162(3)823-829, 4 FIGS, 3 TABLES
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AQUARIEN MAG  
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ACHTUNG, HOCHSPANNUNG! ELEKTRISCHE  
FISCHE-ARTEN, HERKUNFT, HALTUNG  
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(11)462-463, 2 FIGS
- 801274 KNAACK, KARL - 1968  
EIN ZUCHTERSPIEL MIT FARBEN UND MIT FORMEN  
FARBVARIANTEN DES SIAMESISCHEN  
SCHLEIERKAMPFFISCHE
- AQUARIEN MAG  
(11)465-467, 10 FIGS
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FAMILIES LERNAEPODIDAE AND NAOBRANCHIIDAE  
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GOBIIDAE) OF THE DNEPR-BUG ESTUARY  
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ZOOLOG AFR  
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GAIARDNERII)  
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26(3)887-896, 3 FIGS, 1 TABLE

- 801287** GOT, RENE; FROT-COUTAZ, JACQUES; BERTHILLIER, GISELE; BERTAGNOLIO, GUY - 1968  
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26(3)947-954, 5 FIGS, 2 TABLES
- 801288** ALEXANDER, M D; HASLEWOOD, ELIZABETH S; HASLEWOOD, G A D; WATTS, D C; WATTS, ROSEMARY L  
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- 801289** LELOUP-HATEY, JEANINE - 1968  
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26(3)997-1013, 7 TABLES
- 801290** SINGH, T P - 1968  
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GEN COMP ENDOCRINOL  
11(1)1-4, 2 TABLES
- 801291** NICOLL, CHARLES S; BERN, HOWARD A - 1968  
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GEN COMP ENDOCRINOL  
11(1)5-20, 6 FIGS, 7 TABLES
- 801292** RODESCH, FREDERICH R; FONTAINE, YVES A - 1968  
ESTIMATION DES ACTIVITES COMPAREES DE DIVERSES PREPARATIONS THYREOTROPES SUR DES CELLULES ISOLEES DE THYROIDE DE MOUTON  
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11(1)69-77, 6 TABLES
- 801294** KRISHNAMURTHY, V G - 1968  
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- 801295** ENSOR, D M; BALL, J N - 1968  
A BIOASSAY FOR FISH PROLACTIN (PARALACTIN)  
GEN COMP ENDOCRINOL  
11(1)104-110, 1 FIG, 4 TABLES
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GEN COMP ENDOCRINOL  
11(1)160-168, 4 FIGS, 3 TABLES
- 801298** FOLLENIUS, ERNEST - 1968  
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11(1)198-219, 14 FIGS
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MISE EN EVIDENCE ET DOSAGE DE L'ACTIVITE DE TYPE OCYTOCIQUE DHOMOGENATS TOTAUX ET DE FRACTIONS GRANULAIRES DU SYSTEME PREOPTICO-HYPOPHYSIAIRE DE L'ANGUILLE ANGUILLA ANGUILLA L  
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11(1)235-242, 3 FIGS, 3 TABLES
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11(1)243-245, 1 FIG, 1 TABLE
- 801301** SMITH, M W; BROWN, PAT - 1968  
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EXPERIENTIA  
24(10)1005-1006, 1 FIG
- 801302** O'RIORDAN, C E - 1968  
ON AN OCCURRENCE OF MOBULA MOBULA (BONNATERRE) OFF THE SOUTH IRISH COAST  
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- 801305** CHAN, D K O; CHESTER JONES, I - 1968  
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J ENDOCRINOL  
42(1)109-117, 1 FIG, 2 TABLES
- 801306** PICKERING, B T - 1968  
A NEUROPHYSIN FROM COD (GADUS MORHUA) PITUITARY GLANDS: ISOLATION AND PROPERTIES  
J ENDOCRINOL  
42(1)143-152, 7 FIGS, 1 TABLE
- 801307** IDLER, D R; TRUSCOTT, B - 1968  
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J ENDOCRINOL  
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ANNU REV PHYSIOL  
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- 801309** ALPERN, MATHEW - 1968  
DISTAL MECHANISMS OF VERTEBRATE COLOR VISION  
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- 801310** AIRAKSINEN, KARI J - 1968  
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ANN ZOOL  
5(3)312-314, 2 FIGS

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VALIDEZ DE LA LECTURA DE OTOLITOS PARA DETERMINAR LA EDAD DE LA ANCHOVETA (ENGRULIS RINGENS)  
INST MAR PERU (CALLAO) INFORME  
(22)1-36, 9 FIGS, 5 TABLES
- 801312 PENCZAK, TADEUSZ - 1968  
GASTEROSTEUS ACULEATUS L AS FOOD OF MERGUS MERGANSER (L)  
PRZEGL ZOOLOG  
12(3)357-358  
IN POLISH WITH ENGLISH SUMMARY
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OPUSCULA ZOOLOG (BUDAPEST)  
8(1)37-55, 5 FIGS, 6 TABLES
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267(15)SER D, 1208-1211, 2 FIGS
- 801315 WHITTAKER, D E - 1968  
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NATURALIST (LEEDS)  
(907)115-118, 1 FIG
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DES RUISSELLEMENTS DE PESTICIDES A LA MISE A TRES RUDE EPREUVE DU MILIEU AQUATIQUE  
BETES ET NATURE  
(58)20-21, 3 FIGS
- 801317 GAUBERT, HENRI - 1968  
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BETES ET NATURE  
(58)36, 1 FIG
- 801318 KLIMCZYK-JANIKOWSKA, MARIA - 1968  
DER DOBEL (LEUCISCUS CEPHALUS) AUS DEM FLUSSGEBIET DES DUNAEC  
ACTA HYDROBIOLOGICA  
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ACTA HYDROBIOLOGICA  
10(3)395-412, 7 FIGS, 1 TABLE  
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- 801320 MC ALLISTER, D E; DELISLE, CLAUDE - 1968  
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JEUNE SCIENTIFIQUE  
7(2)30-31, 3 FIGS
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49(2)437-452, 12 FIGS, 4 TABLES
- 801325 JOHANSEN, KJELL; LENFANT, CLAUDE - 1968  
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J EXP BIOL  
49(2)453-468, 13 FIGS
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SEASONAL CHANGES IN THE BIOCHEMICAL COMPOSITION OF THE COMMON CARP, CIRRHINA MRIGALA (HAM) BROTERIA  
37(1/2)29-44, 5 FIGS
- 801327 JAFRI, A K - 1968  
SEASONAL CHANGES IN THE BIOCHEMICAL COMPOSITION OF THE CATFISH MYSTUS SEENGHALA (SYKES) BROTERIA  
37(1/2)45-58, 5 FIGS
- 801328 FISCHER, Z - 1968  
FOOD SELECTION IN GRASS CARP (CTENOPHARYNGODON IDELLA VAL) UNDER EXPERIMENTAL CONDITIONS  
POL ARCH HYDROBIOLOGICA  
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- 801329 WINNICKI, ALEKSANDER - 1968  
RESPIRATION OF THE EMBRYOS OF SALMO TRUTTA L AND SALMO GAIARDNERI RICH. IN MEDIA DIFFERING IN GASEOUS DIFFUSION RATE  
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15(1)23-38, 4 FIGS, 1 TABLE
- 801330 NAGABHUSHANAM, A K - 1968  
ON THE OCCURRENCE OF THE SIPHONOPHORE PHYSALIA PHYSALIS L AND THE LABRID FISH LABROIDES DIMIDIATUS (CUV ET VAL) IN THE MINICOY ISLAND (ARABIAN SEA) AREA  
CURR SCI  
37(1)24, 1 FIG
- 801331 TOMEY, WILLIAM A - 1968  
DE FEUERSCHWANZBACHLING, RIVULUS MILESII AQUARIEN TERRARIEN Z  
21(11)321-324, 11 FIGS
- 801332 BELLSTEDT, F - 1968  
RIVALITÄTS-UND PAARUNGSVERHALTEN LEBENDGEBÄRENDE ZAHNKAUFEN  
AQUARIEN TERRARIEN Z  
21(11)327-331, 3 FIGS
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WAS VERBURGT SICH ALLES HINTER DEM NAMEN 'ODINIUM'  
AQUARIEN TERRARIEN Z  
21(11)347-351, 13 FIGS
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CEYLON'S SCHÖNSTER LABYRINTHFISCH, BELONTIA SIGNATA  
AQUARIEN TERRARIEN Z  
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- 801335 DE GRAAF, FRANK - 1968  
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AQUARIEN TERRARIEN Z  
21(10)289-292, 8 FIGS; 21(11)336-339, 8 FIGS

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ANTIKORPERN  
VON SAUGETIEREN UND FISCHEN  
ACTA ENDOCRINOL  
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- 801337 BRICKER, NEAL S; GUERRA, LEVI; KLAHR, SAULO;  
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AMER J PHYSIOL  
215(2)383-388, 8 TABLES
- 801338 MIZOGAMI, SUSUMU; OGURI, MIKIO; SOKABE,  
HIROFUMI; NISHIMURA, HIROKO - 1968  
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AGLOMERULAR KIDNEY OF MARINE TELEOSTS  
AMER J PHYSIOL  
215(4)991-994, 4 FIGS, 1 TABLE
- 801339 EDELHAUSER, HENRY F; HOFFERT, J RUSSELL;  
FROMM, PAUL O - 1968  
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LAKE TROUT AND RABBIT CORNEAS  
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- 801340 HOROWICZ, P; BURGER, J WENDELL - 1968  
UNIDIRECTIONAL FLUXES OF SODIUM IONS IN THE  
SPINY DOGFISH, SQUALUS ACANTHIAS  
AMER J PHYSIOL  
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- 801341 LONG, DON M; BODENHEIMER, THOMAS S;  
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122(2)209-236, 20 FIGS
- 801342 HILL, JOANNA JENSEN; HENDERSON, NANCY E - 1968  
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HYPOTHALAMIC-HYPOPHYSAL REGION OF THE EASTERN  
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- 801343 ANONYMOUS - 1968  
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25(2/3)92-93
- 801344 ANONYMOUS - 1968  
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- 801345 SUTTKUS, ROYAL D; CLEMMER, GLENN H - 1968  
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15(1)18-39, 10 FIGS, 11 TABLES
- 801346 FEDDERN, HENRY A - 1968  
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- 801348 BELL, ALLEN LESLIE - 1968  
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- DISS ABSTR  
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- 801349 WANG, CHIA-SHENG JOHNSON - 1968  
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DISS ABSTR  
29(2)812B-813B
- 801351 JONES, ROBERT SIDNEY - 1968  
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JOHNSTON ISLAND ACANTHURIDAE (SURGEONFISHES)  
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HYPOPHthalmichthys MOLITRIX  
ZH MIKROBIOL EPIDEMIOL IMMUNOBOL  
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CONTRIB MUS PALEONTOLOG UNIV MICH  
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- 801355 TASHIMA, I; CAHILL, G F - 1968  
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GEN COMP ENDOCRINOL  
11(2)262-271, 3 FIGS, 7 TABLES
- 801356 YAMAZAKI, FUMIO; DONALDSON, EDWARD M - 1968  
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PITUITARY GONADOTROPIN ON SPERMATOGENESIS,  
VITELLOGENESIS, AND OVULATION IN  
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GEN COMP ENDOCRINOL  
11(2)292-299, 13 FIGS, 2 TABLES
- 801357 LAGIOS, MICHAEL D - 1968  
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GLAND OF THE POLYTERIFORMID FISHES,  
CALAMOICHTHYS CALABARICUS AND POLYPTERUS PALMAS  
GEN COMP ENDOCRINOL  
11(2)300-315, 19 FIGS
- 801358 IDLER, D R; FREEMAN, H C - 1968  
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HYDROXYCORTICOSTERONE AND CORTISOL BY PLASMA  
PROTEINS OF FISH  
GEN COMP ENDOCRINOL  
11(2)366-372, 3 TABLES
- 801359 HIRANO, TETSUYA; UTIDA, SEIJIRO - 1968  
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JAPONICA  
GEN COMP ENDOCRINOL  
11(2)373-380, 5 FIGS, 1 TABLE
- 801360 LEIBSON, L; PLISETSKAYA, E M - 1968  
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AND FISH  
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GEN COMP ENDOCRINOL  
11(2)401-413, 13 FIGS, 1 TABLE
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SOME FISHES  
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- 801364 ZHUKOV, P I - 1968  
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ICHTHYOFAUNA INTO THE RIVERS OF THE BALTIC SEA  
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Z ZELLFORSCH  
92(3)423-427, 4 FIGS
- 801366 POTTER, I C; LANZING, W J R; STRAHAN, RONALD  
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- 801367 NIEUWENHUIZEN, AREND VAN DEN - 1968  
BETTA SPLENDENS  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(10)330-332, 4 FIGS
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UMBRA KRAMERI WALBAUM 1792  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(8)268-269, 3 FIGS; 15(9)302-303, 1 FIG;  
15(10)334-337, 4 FIGS
- 801369 GERY, JACQUES - 1968  
DAS VORKOMMEN VON THAYERIA BOEHLKEI  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(10)349
- 801370 DE GRAAF, FRANK - 1968  
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ARTIS  
14(4)126-129, 6 FIGS
- 801371 CASTLE, P H J - 1968  
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TUATARA  
16(2)85-97, 2 FIGS
- 801372 WINTERBOURN, M J - 1968  
THE FAUNAS OF THERMAL WATERS IN NEW ZEALAND  
TUATARA  
16(2)111-122, 2 FIGS, 2 TABLES
- 801373 LARIMER, JAMES L; MACDONALD, JOHN A - 1968  
SENSORY FEEDBACK FROM ELECTRORECEPTORS TO  
ELECTROMOTOR PACEMAKER CENTERS IN GYMNOTIDS  
AMER J PHYSIOL  
214(6)1253-1261, 11 FIGS
- 801374 RAINWATER, FRED L; MILLER, RUDOLPH J - 1968  
COURTSHIP AND REPRODUCTIVE BEHAVIOR OF THE  
SIAMESE FIGHTING FISH, BETTA SPLENDENS REGAN  
(PISCES, BELONTIIDAE)  
PROC OKLA ACAD SCI  
47:98-114, 2 FIGS, 4 TABLES
- 801375 CARTER, NEIL E; ELEY, REX L - 1968  
EFFECTS OF A FLOOD ON FISH DISTRIBUTION IN  
KEYSTONE RESERVOIR  
PROC OKLA ACAD SCI  
47:382-385, 2 FIGS, 1 TABLE
- 801376 COPELIN, FARRELL; PRICE, JOHN; LAMBOU, VICTOR W  
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HUNTING AND FISHING ON PRIVATE LAND IN OKLAHOMA  
IN 1964  
PROC OKLA ACAD SCI  
47:385-393, 1 FIG, 11 TABLES
- 801377 ECHELLE, ANTHONY A; MENSE, JAMES B - 1968  
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TEXOMA  
PROC OKLA ACAD SCI  
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- 801378 GASAWAY, CHARLES R - 1968  
COMPARISON OF BASS-BLUEGILL AND BASS-REDEAR  
SUNFISH STOCKING IN OKLAHOMA FARM PONDS  
PROC OKLA ACAD SCI  
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- 801379 SANDOZ, O'REILLY - 1968  
EXPERIMENTAL FEEDING AND GROWTH OF CHANNEL  
CATFISH IN OKLAHOMA HATCHERIES  
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- 801380 UCHIDA, KEITARO - 1968  
THE STORY OF SUN-FISH  
SHIZEN  
23(11)56-57, 1 FIG  
IN JAPANESE
- 801381 BERMAN, DAVID S - 1968  
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PERMIAN, TEXAS) AND THE  
GNATHORHIZA-LEPIDOSIRENID ANCESTRY QUESTIONED  
J PALEONTOL  
42(3)PART 1, 827-835, 4 FIGS
- 801382 DORNESCO, G T; MISCALENCO, D - 1968  
LA STRUCTURE DES BRANCHIES DE QUELQUES CYPRINS  
ANN SCI NATUR ZOOLOG BIOL ANIM  
10(2)SER 12, 291-299, 7 FIGS
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THE EASTERN TROPICAL PACIFIC: FISHING FOR  
COOPERATION  
BULL AT SCI  
24(9)18-22
- 801384 HESTER, FRANK J - 1968  
VISUAL CONTRAST THRESHOLD OF THE GOLDFISH  
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VISION RES  
8(OCTOBER)1315-1336, 10 FIGS, 2 TABLES
- 801385 SCHWASSMANN, HORST O - 1968  
VISUAL PROJECTION UPON THE OPTIC TECTUM IN  
FOVEATE MARINE TELEOSTS  
VISION RES  
8(OCTOBER)1337-1348, 6 FIGS
- 801386 PATTERSON, COLIN - 1968



- THE CAUDAL SKELETON IN MESOZOIC ACANTHOPTERYGIAN FISHES**  
BRIT MUS (NATUR HIST) BULL GEOL  
17(2)1-102, 28 FIGS
- 801387** TITLBACH, M - 1968  
**A CONTRIBUTION TO THE INVESTIGATION BY LIGHT AND ELECTRON MICROSCOPE OF LANGERHANS ISLETS OF THE CARP (CYPRINUS CARPIO L)**  
FOLIA MORPHOL (PRAGUE)  
16(4)325-337, 1 TABLE
- 801388** FRANK, STANISLAV - 1968  
**KREUZUNG VON ZEBRABARBLING MIT TUPFELBARBLING (DANIO RERIO X NIGROFASCIATUS)**  
AQUA TERRA  
5(11)95-97, 3 FIGS
- 801389** MARINCEK, MAGDALENA - 1968  
**L'INFECTION DES CARPES PAR LES COCCIDIES**  
ARH BIOL NAUKA  
17(3)165-172, 3 FIGS  
IN YUGOSLAV WITH FRENCH SUMMARY
- 801390** JANKOVIC, DRAGA - 1968  
**DIE URSACHE DER NASE (CHONDROSTOMA NASUS L) VERBREITUNG IN DEM FLUSSE STUDENICA**  
ARH BIOL NAUKA  
17(3)173-183, 5 FIGS, 1 TABLE  
IN YUGOSLAV WITH GERMAN SUMMARY
- 801391** RANDALL, JOHN E; CERVIGON, FERNANDO - 1968  
**UN NUEVO PEZ SCIAENIDAE DEL GENERO CYNOSCION DE VENEZUELA Y NOTAS SOBRE C. JAMAICENSIS Y C. OBLIQUATUS**  
SOC CIENC NATUR LA SALLE MEM  
27(78)176-192, 3 FIGS, 6 TABLES
- 801392** CANESTRI, VICTOR - 1968  
**ANOTACIONES COMPLEMENTARIAS SOBRE LA HISTOLOGIA E IRRIGACION DEL ORGANO RESPIRATORIO ACCESORIO DE ELECTROPHORUS ELECTRICUS (OSTEICHTHYES-CYPRINIFORMES)**  
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27(77)87-102, 14 FIGS, 1 TABLE
- 801393** ROEHM, JEFFREY NOYES - 1968  
**CHANGES IN THE LIPID COMPOSITION OF RAINBOW TROUT SALMO GARDNERII FED CYCLOPROPENOID FATTY ACIDS**  
DISS ABSTR  
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- 801394** FINCHER, BARBARA - 1968  
**FROM LAKE...TO LABORATORY**  
ALA CONSERV  
38(5)22-24, 4 FIGS
- 801395** FREEMAN, BARRY O - 1968  
**HOW OLD IS A FISH BEFORE IT SPAWNS?**  
MISS GAME FISH  
27(9)13
- 801396** ZUKAL, RUDOLF - 1968  
**BARB BREEDING (BARBUS ARULIUS)**  
PETFISH MONTHLY  
3(8)328-332, 11 FIGS
- 801397** BEARD, T W - 1968  
**GUPPIES IN SEA WATER**  
PETFISH MONTHLY  
3(8)334
- 801398** KLEINERT, STANTON J; DEGURSE, PAUL E; WIRTH, THOMAS L - 1968  
**OCCURRENCE AND SIGNIFICANCE OF DDT AND DIELDRIN RESIDUES IN WISCONSIN FISH**  
TECH BULL WIS DEP NATUR RESOUR  
(41)1-43, 9 FIGS, 3 TABLES
- 801399** DEMJR, NECLA - 1968
- ANALYSIS OF LOCAL POPULATIONS OF THE ANCHOVY ENGRAULIS ENCRASICOLUS (L), IN TURKISH WATERS BASED ON MERISTIC CHARACTERS**  
ISTANBUL UNIV FEN FAK MECM SER B TABII ILIMLER  
33(1/2)25-57, 9 FIGS, 18 TABLES
- 801400** APPLGATE, SHELTON P; UYENO, TERUYA - 1968  
**THE FIRST DISCOVERY OF A FOSSIL TOOTH BELONGING TO THE SHARK GENUS HEPTRACHIAS, WITH A NEW PRISTIOPHORUS SPINE, BOTH FROM THE OLIGOCENE OF JAPAN**  
BULL NAT SCI MUS (TOKYO)  
11(2)195-200, 5 FIGS
- 801401** GOSWAMI, SHASHI V; SUNDARARAJ, BANGALORE I - 1968  
**EFFECT OF ESTRADIOL BENZOATE, HUMAN CHORIONIC GONADOTROPIN, AND FOLLICLE-STIMULATING HORMONE ON UNILATERAL OVARIECTOMY-INDUCED COMPENSATORY HYPERTROPHY IN CATFISH, HETEROPNEUSTES FOSSILIS (BLOCH)**  
GEN COMP ENDOCRINOL  
11(2)393-400, 3 FIGS
- 801402** DURVE, V S - 1968  
**SOME OBSERVATIONS ON THE CONDITIONED RESPONSES IN THE FINGERLINGS OF THE MILK FISH CHANOS CHANOS (FORSKAL)**  
PROC INDIAN ACAD SCI SECT B  
68(2)69-78, 3 FIGS
- 801403** BOFFA, GEORGES A; DRILHON, ANDREE; FAURE, ALAIN; ZAKIN, MARIO M; FINE, JEAN-MARIUS - 1968  
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267(12), SER D, 1067-1070, 1 TABLE
- 801404** MERRETT, N R - 1968  
**TUNA FISHING RESEARCH IN THE INDIAN OCEAN AFRICANA**  
3(7)20-23, 8 FIGS
- 801405** DE FELICE, DIANE; RASCH, ELLEN M - 1968  
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- 801406** SHEFF, MICHAEL F; ZACKS, SUMNER I - 1968  
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- 801407** WAXMAN, S G; KRIEBEL, M E; BENNETT, MICHAEL V L; PAPPAS, GEORGE D - 1968  
**FINE STRUCTURAL BASIS OF SYNAPTIC ACTIVITY IN OCULOMOTOR NUCLEI OF THE SPINY BOXFISH**  
J CELL BIOL  
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- 801408** RAHMANN, HINRICH; KORFSMEIER, K H - 1968  
**EINBAU VON 3 H-PALMITINSÄURE IN DAS TECTUM OPTICUM DES ZEBRAFISCHES**  
NATURWISSENSCHAFTEN  
55(11)548-549
- 801409** WENKE, THOMAS L - 1968  
**ABUNDANCE OF CREPIDOSTOMUM AND OTHER INTESTINAL HELMINTHS IN FISHES FROM POOL 19, MISSISSIPPI RIVER**  
IOWA STATE J SCI  
43(2)211-222, 3 FIGS, 2 TABLES
- 801410** LETENDRE, GERARD C - 1968  
**BLOOD PH OF CHANNEL CATFISH**  
IOWA STATE J SCI  
43(2)223-228, 2 FIGS, 2 TABLES
- 801411** ROMER, ALFRED S - 1968  
**THE PROCESSION OF LIFE**

- 801412** ACKMAN, R G; ADDISON, R F; EATON, C A - 1968  
UNUSUAL OCCURRENCE OF SQUALENE IN A FISH, THE  
EULACHON THALEICHTHYS PACIFICUS  
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- 801413** YAGER, DEAN - 1968  
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SENSITIVITY OF THE DARK-ADAPTED GOLDFISH  
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C R HEBD SEANCES ACAD SCI PARIS  
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- 801416** KOVAL, W P; GERUS, M M - 1968  
THE PARASITE FAUNA OF THE KACHOWKA RESERVOIR ON  
ELEVEN YEAR HIS EXISTENCE  
VISNIK KIEV UNIV SER BIOL  
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- 801417** PASHKEVICHUTE, A S - 1968  
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SOUTH BUG  
VISNIK KIEV UNIV SER BIOL  
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IN RUSSIAN WITH ENGLISH SUMMARY
- 801418** IORIO, ROBERT J - 1968  
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DEVELOPING ERYTHROID CELLS OF THE COMMON  
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DISS ABSTR  
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- 801419** PFEFFER, ROGER ANTONY - 1968  
THE ABSORPTION OF SUGARS AND SODIUM IN VITRO BY  
TILAPIA MOSSAMBICA  
DISS ABSTR  
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- 801420** CVANCARA, VICTOR A - 1968  
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ENZYMES AND ARGINASE IN MISSOURI RIVER FRESH  
WATER FISHES  
DISS ABSTR  
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- 801421** PATENT, GREGORY JOSEPH - 1968  
ENDOCRINE ASPECTS OF CARBOHYDRATE METABOLISM IN  
CHONDRICHTHYEAN FISHES  
DISS ABSTR  
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- 801422** VAN HYNING, JACK MATTSOON - 1968  
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SALMON IN THE COLUMBIA RIVER  
DISS ABSTR  
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- 801423** GOIN, OLIVE B; GOIN, COLEMAN J - 1968  
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- 801424** THOMAS, PAUL M; BROMLEY, DENNIS D - 1968

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SOBRE LA PRESENCIA DE RUVETTUS PRETIOSUS  
(PISCES, GEMPYLIDAE) IN AGUAS ARGENTINAS  
PHYSIS REV ASSOC ARGENT CIENC NATUR  
28(76)33-36, 1 FIG, 1 TABLE
- 801428** WESTERMAN, R A; WILSON, JANE A F - 1968  
THE FINE STRUCTURE OF THE OLFACTORY TRACT IN  
THE TELEOST CARASSIUS CARASSIUS L  
Z ZELLFORSCH  
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- 801429** ERMISCH, ARMIN; STERBA, GUNTHER;  
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AUTORADIOGRAPHISCHE UNTERSUCHUNGEN UBER DAS  
WACHSTUM DES REISSNERSCHEN FADENS VON CYPRINUS  
CARPIO (L)  
Z ZELLFORSCH  
91(2)220-235, 5 FIGS, 4 TABLES
- 801430** ALFRED, ERIC R - 1968  
RARE AND ENDANGERED FRESH-WATER FISHES OF  
MALAYA AND SINGAPORE  
INT UNION CONSERV NATURE NATUR RESOUR PUBL NEW  
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(10)325-331, 1 FIG, 1 TABLE
- 801431** SUVATTI, CHOTE; MENASVETA, DHEB - 1968  
THREATENED SPECIES OF THAILAND'S AQUATIC FAUNA  
AND PRESERVATION PROBLEMS  
INT UNION CONSERV NATURE NATUR RESOUR PUBL NEW  
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(10)332-336, 1 TABLE
- 801432** MACKENZIE, K - 1968  
SOME PARASITES OF O-GROUP PLAICE, PLEURONECTES  
PLATESSA L, UNDER DIFFERENT ENVIRONMENTAL  
CONDITIONS  
MAR RES SER SCOT HOME DEP  
(3)1-23, 16 FIGS, 14 TABLES
- 801433** ARNOLD, M; KRIESTEN, K; PETERS, HANS M - 1968  
DIE HAFTORGANE VON TILAPIA-LARVEN (CICHLIDAE,  
TELEOSTEI), HISTOCHEMIE UND  
ELEKTRONENMIKROSKOPISCHE UNTERSUCHUNGEN  
Z ZELLFORSCH  
91(2)248-260, 9 FIGS
- 801434** RAITT, D F S; MASON, JAMES - 1968  
THE DISTRIBUTION OF NORWAY POUT IN THE NORTH  
SEA AND ADJACENT WATERS  
MAR RES SER SCOT HOME DEP  
(4)1-19, 13 FIGS, 1 TABLE
- 801435** EALES, GEOFFREY - 1968  
THE EEL FISHERIES OF EASTERN CANADA  
FISH RES BOARD CAN BULL  
(166)X + 1-79, 43 FIGS, 6 TABLES
- 801436** BONN, ED W - 1968  
TEXAS TRUE BASS  
TEX PARKS WILDLIFE  
26(12)16-19, 3 FIGS

- 801437 CORNELL, J HARRY - 1968  
HOW FISH REPRODUCE  
WILDLIFE N C  
32(10)8-9; 32(11)20-22, 4 FIGS
- 801438 DEVOLD, FINN - 1968  
THE FORMATION AND THE DISAPPEARANCE OF A STOCK  
UNIT OF NORWEGIAN HERRING  
FISKERIDIR SKR SER HAVUNDERS  
15(1)3-15, 7 FIGS
- 801439 JAKOBSSON, JAKOB - 1968  
HERRING MIGRATIONS EAST OF ICELAND DURING THE  
SUMMER AND AUTUMN 1966 AND 1967  
FISKERIDIR SKR SER HAVUNDERS  
15(1)17-22, 1 FIG
- 801440 LIBOSVARSKY, JIRI - 1968  
A STUDY OF BROWN TROUT POPULATION (SALMO TRUTTA  
MORPHA FARIO L) IN LOUCKA CREEK  
(CZECHOSLOVAKIA)  
ACTA SCI NATUR BRNO  
2(7)1-58, 14 FIGS, 29 TABLES
- 801441 MENZEL, H U; SARODNIK, W - 1968  
WERTKENNZAHLENSYSTEM FUR DIE ANALYSE DES  
HAUPTPRODUKTIONSZWEIGES FISCHPRODUKTION VON  
KARPFENTEICHWIRTSCHAFTEN  
DEUT FISCH ZTG  
15(10)262-270, 1 FIG
- 801442 MULLER, H; ANWAND, K - 1968  
FISCHSTERBEN IN DER DEUTSCHEN DEMOKRATISCHEN  
REPUBLIK WAHREND DES ABFLUSSJAHRES 1967  
DEUT FISCH ZTG  
15(10)271-275, 4 FIGS, 1 TABLE
- 801443 ANWAND, K - 1968  
FISCHBIOMASSE, FISCHANZAHL UND  
ARTENZUSAMMENSETZUNG DES FISCHBESTANDES EINIGER  
KLEINERER SEEN  
DEUT FISCH ZTG  
15(10)275-279, 2 TABLES, 1 FIG
- 801444 PREDEL, G - 1968  
VERGLEICHENDE UNTERSUCHUNGEN MIT EINEM  
ELEKTRISCHEN SCHLEPPNETZ BEI VERWENDUNG  
VERSCHIEDENER STROMARTEN  
DEUT FISCH ZTG  
15(10)280-284, 2 FIGS, 3 TABLES
- 801445 DAHLBERG, MICHAEL DANIEL - 1968  
NATURAL HYBRIDS BETWEEN TWO MINNOWS,  
CAMPOSTOMA  
ANOMALUM AND NOTROPIS CHROSOMUS, FROM THE  
COOSA  
RIVER SYSTEM  
BULL GA ACAD SCI  
26(4)155-159, 1 FIG, 2 TABLES
- 801446 BRITTON, ROBERT W - 1968  
THE UTRICULARIAS (BLADDER WORTS), DO PLANTS  
EAT FISH?  
FISH CULT  
48(4)25-29
- 801447 OUTRAM, D N - 1968  
THE 1968 HERRING SPAWN DEPOSITION IN THE  
COASTAL WATERS OF BRITISH COLUMBIA  
FISH RES BOARD CAN GEN SER CIRC  
(86)1-9, 2 FIGS, 1 TABLE
- 801448 FUJII, RYOZO - 1968  
FINE STRUCTURE OF THE COLLAGENOUS LAMELLA  
UNDERLYING THE EPIDERMIS OF THE GOBY,  
CHASMICHTHYS GULOSUS  
ANNOT ZOOL JAP  
41(3)95-106, 9 FIGS
- 801449 YAMAMOTO, K; ONOZATO, HIROSHI - 1968  
STEROID-PRODUCING CELLS IN THE OVARY OF THE  
ZEBRAFISH, BRACHYDANIO RERIO  
ANNOT ZOOL JAP
- 41(3)119-128, 6 FIGS
- 801450 GRANIER, J - 1968  
LES SCOMBRES DANS LE GOLFE D'AIGUES-MORTES  
BULL MENS SOC LINN LYON  
37(8)324-330, 3 FIGS
- 801451 ANDO, KAZUO - 1968  
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FISHES  
J TOKYO UNIV FISH  
54(2)61-98, 5 FIGS, 6 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801452 TAKEUCHI, SHOICHI - 1968  
RELATION BETWEEN THE DIRECTION OF A CURRENT AND  
THE CATCH IN A TRAP NET WITH TWO BAGS  
J TOKYO UNIV FISH  
54(2)123-127, 6 FIGS, 4 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801453 SHRIVASTAVA, S S - 1968  
HERMAPHRODITISM IN A TELEOST, NOTOPTERUS  
NOTOPTERUS (PALLAS)  
CURR SCI  
37(17)496-498, 2 FIGS
- 801454 BREUER, J; BREUER, H - 1968  
STOFFWECHSEL VON STEROIDHORMONEN BEIM  
KNORPELFISCH TORPEDO MARMORATA  
NATURWISSENSCHAFTEN  
55(8)391-392
- 801455 MAKI, IWAJO - 1968  
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GNATHOPOGON CAERULESCENS SAUVAGE (PISCES) IN  
LAKE BIWA, JAPAN, IV, FURTHER ANALYSIS ON THE  
CRITICAL LIFE CYCLE STAGES RELATED TO THE  
ANNUAL FLUCTUATION OF THE POPULATION  
JAP J ECOL  
18(3)112-119, 7 FIGS, 2 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801456 HALTON, D W; DERMOTT, EVELYN; MORRIS, GERALD P  
1968  
ELECTRON MICROSCOPE STUDIES OF DICLIDOPHORA  
MERLANGI (MONOGENEA, POLYOPISTHOCOTYLEA), I,  
ULTRASTRUCTURE OF THE CECAL EPITHELIUM  
J PARASITOL  
54(5)909-916, 9 FIGS
- 801457 MCCAULEY, JAMES E; PEQUEGNAT, JOHN E - 1968  
TWO NEW SPECIES OF DINOSOMA MANTER, 1934  
(TREMATODA, HEMIURIDAE) FROM DEEP-WATER  
MACROURID FISHES OFF THE COAST OF OREGON  
J PARASITOL  
54(5)931-934, 4 FIGS
- 801458 LEWIS, SUE D - 1968  
MYXOBOLUS ARGENTEUS SP N (PROTOZOA,  
MYXOSPORIDIA), A PARASITE OF THE GOLDEN SHINER  
J PARASITOL  
54(5)1034-1037, 8 FIGS
- 801459 EINARSSON, HERMANN; WILLIAMS, GEORGE C - 1968  
PLANKTIC FISH EGGS OF FAXAFLÖI, SOUTHWEST  
ICELAND, 1948-1957  
RIT FISKIÐEILDAR  
4(5)1-15, 1 FIG, 6 TABLES
- 801460 OIDE, HIROSHI; UTIDA, SEIITIRO - 1968  
CHANGES IN INTESTINAL ABSORPTION AND RENAL  
EXCRETION OF WATER DURING ADAPTATION TO  
SEA-WATER IN THE JAPANESE EEL  
MAR BIOL (BERLIN)  
1(3)172-177, 4 FIGS, 2 TABLES
- 801461 RANDALL, JOHN E; HARTMAN, W D - 1968  
SPONGE-FEEDING FISHES OF THE WEST INDIES  
MAR BIOL (BERLIN)  
1(3)216-225, 4 TABLES

- 801462 - 801487
- 801462 NAEVE, HEINER - 1968  
DIE ENDIGUNG AFFERENTER FASERN DER  
SEITENLINIENNERNEN IM MITTELHIRN DES DORSCHES  
GADUS MORHUA  
MAR BIOL (BERLIN)  
1(3)257-262, 10 FIGS
- 801463 LUEKEN, W. - 1968  
BETEILIGUNG VERSCHIEDENER ZELLTYPEN BEI DER  
TUMORBILDUNG VON ZAHNKARPFEN  
UMSCH WISS TEC  
68(24)754-755, 2 FIGS
- 801464 VAN DEN NIEUWENHUIZEN, AREND - 1968  
ZUCHTERFAHRUNGEN MIT PYRRHULINA METAETAE  
(EIGENMANN)  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(11)366-369, 9 FIGS
- 801465 PROBST, KARL - 1968  
DER SEE-SCHMETTERLING, BLENNIUS OCELLARIS L.  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(11)372-373, 1 FIG
- 801466 FROLICH, K O - 1968  
TRICHODINA DOMERGUEI WALLENGREEN-EIN  
FISCHPARASIT  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(11)382-384, 8 FIGS
- 801467 HUBBS, CLARK; STEVENSON, MICHAEL M; PEDEN, ALEX  
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FECUNDITY AND EGG SIZE IN TWO CENTRAL TEXAS  
DARTER POPULATIONS  
SOUTHWEST NATUR  
13(3)301-323, 19 FIGS
- 801468 NEUMAN, W F; MULRYAN, B J - 1968  
THE DISCREPANCY IN THE CARBONATE FOUND IN FISH  
BONE AND BLOOD  
CALCIFIED TISSUE RES  
2(3)237-241
- 801469 FREESE, M; MAKOW, D - 1968  
HIGH-FREQUENCY ULTRASONIC PROPERTIES OF  
FRESHWATER FISH TISSUE  
J ACOUST SOC AMER  
44(5)1282-1289, 6 FIGS, 4 TABLES
- 801470 LE JEUNE, ROGER; LEGENDRE, VIANNEY - 1968  
EXTENSION D'AIRE DU SAUMON D'EAU DOUCE (SALMO  
SALAR) AU QUEBEC  
NATUR CAN  
95(5)1169-1173, 3 FIGS
- 801471 NASH, C E - 1968  
POWER STATIONS AS SEA FARMS  
NEW SCI  
40(623)367-369, 1 FIG
- 801472 SOROKIN, I U I; PANOV, D A - 1968  
AN EXPERIMENTAL EVALUATION OF FOOD-REQUIREMENT  
IN LARVAE AND FRY OF HYPOPHthalmichthys CARRIED  
OUT WITH THE AID OF C14  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
182(1/2/3)208-210, 4 FIGS  
IN RUSSIAN
- 801473 VON BREMEN, WILLIAM - 1968  
DAS OBJEKTTAGER-AQUARIUM  
MIKROKOSMOS  
57(12)357-361, 2 FIGS
- 801474 KRETSINGER, R H - 1968  
FOUR CRYSTALLINE TUNA MYOGLOBINS  
J MOL BIOL  
38(1)141-143, 1 TABLE
- 801475 QUAST, JAY C - 1968  
NEW RECORDS OF THIRTEEN COTTID AND BLENNIOID  
FISHES FOR SOUTHEASTERN ALASKA  
PAC SCI  
22(4)482-487, 1 FIG, 2 TABLES
- 801476 NAKAMURA, ROYDEN - 1968  
AN ADDITIONAL CONTRIBUTION TO THE BIOLOGY OF  
THE AHOLEHOLE, KUHLIA SANDVICENSIS  
(STEINDACHNER)  
PAC SCI  
22(4)493-496, 2 FIGS, 2 TABLES
- 801477 MILLER, ROBERT RUSH - 1968  
TWO NEW FISHES OF THE GENUS CYPRINODON FROM THE  
CUATRO CIENEGAS BASIN, COAHUILA, MEXICO  
OCCAS PAP MUS ZOO UNIV MICH  
(659)1-15, 2 FIGS
- 801478 SHIMIZU, MAKOTO; IGNATIADES, LYDIA S;  
HIYAMA, YOSHIO - 1968  
ON THE CONCENTRATION FACTORS OF 198AU IN  
SEVERAL MARINE ORGANISMS  
REC OCEANOGR WORKS JAP  
9(2)257-261, 4 FIGS, 3 TABLES
- 801479 KAFIANI, C A; TIMOFEEVA, M J; MELNIKOVA, N L;  
NEYFAKH, A A - 1968  
RATE OF RNA SYNTHESIS IN HAPLOID AND DIPLOID  
EMBRYOS OF LOACH (MISGURNUS FOSSILIS)  
BIOCHIM BIOPHYS ACTA  
169(1)274-277, 2 FIGS, 1 TABLE
- 801480 FORSYTHE, MICHAEL GEORGE - 1968  
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MIRAMICHI RIVER, NEW BRUNSWICK  
FISH RES BOARD CAN TECH REP  
(91)VI + 1-33, 22 FIGS, 5 TABLES
- 801481 DAS, NARESH - 1968  
SPAWNING, DISTRIBUTION, SURVIVAL, AND GROWTH OF  
LARVAL HERRING (CLUPEA HARENGUS L) IN RELATION  
TO HYDROGRAPHIC CONDITIONS IN THE BAY OF FUNDY  
FISH RES BOARD CAN TECH REP  
(88)1-159, 27 FIGS, 15 TABLES
- 801482 MARSHALL, K E - 1968  
PERIODICAL CITATIONS IN THE RECENT LITERATURE  
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FISH RES BOARD CAN TECH REP  
(90)IV + 1-67, 11 TABLES
- 801483 KUDO, SHIGEHARU - 1968  
ON THE TWO KINDS OF SECRETORY GRANULES IN THE  
EGGS OF THE FRESH WATER TELEOST ZACCO PLATYPUS  
SCI REP TOHOKU UNIV SER IV BIOL  
34(1)21-30, 4 FIGS
- 801484 CHIRIAC, EL; POPESCU, AL - 1968  
BIG MIGRATIONS IN FISH AND BIRDS  
NATURA (BUCURESTI)  
20(5)43-52  
IN ROMANIAN
- 801485 NICOLAU, AURELIA - 1968  
INTRODUCEREA DE NOI SPECII DE PESTI, MILOC DE  
SPORIRE A PRODUCTIEI  
NATURA (BUCURESTI)  
20(5)76-78, 3 FIGS
- 801486 PIHU, E. - 1968  
THE TEETH OF THE PIKE AND THEIR SHEDDING  
EESTI LOODUS  
11(3)180-182, 2 FIGS, 2 TABLES  
IN ESTONIAN
- 801487 OLIVEREAU, MADELEINE - 1968  
ETUDE CYTOLOGIQUE DE L'HYPHOPHYSE DU MUGE, EN  
PARTICULIER EN RELATION AVEC LA SALINITE  
EXTERIEURE  
Z ZELLFORSCH  
87(4)545-561, 19 FIGS, 4 TABLES

- 801488 NAUMANN, W - 1968  
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SUBCOMMISSURALORGAN UND AM REISSNERSCHEN FADEN  
VON LAMPETRA PLANERI (BLOCH)  
Z ZELLFORSCH  
87(4)571-591, 8 FIGS, 2 TABLES
- 801489 DELIEGE, M - 1968  
ACTION DE LA DEXTRO-AMPHETAMINE SUR L'ACTIVITE  
DE CARATIUS AURATUS L  
BULL SOC ROY SCI LIEGE  
37(3/4)229-236, 3 FIGS
- 801490 REICHENBACH-KLINKE, H - 1968  
ICHTHYOPHTHIRIUS MULTIFILIIS ALS MOGLICHER  
PARASIT DES MENSCHEN  
Z TROPENMED PARASITOL  
19(3)342-343
- 801491 RICHARDSON, LAURENCE R - 1968  
AN ANNOTATED LIST OF AUSTRALIAN LEECHES  
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- 801492 POTTER, I C - 1968  
MORDACIA PRAECOX, N SP, A NONPARASITIC LAMPREY  
(PETROMYZONIDAE), FROM NEW SOUTH WALES,  
AUSTRALIA  
PROC LINNEAN SOC N S W  
92(3)254-261, 3 FIGS, 1 TABLE
- 801493 BARANAUSKIENE, A; JANKEVICIUS, K; JANKAVICIUTE,  
G; KISELYTE, T - 1968  
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AND ZOOPLANKTON IN THE FERTILIZED PONDS  
TR AKAD NAUK LITOV SSR  
2(46)109-129, 3 FIGS, 3 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 801494 SUKACKAS, V - 1968  
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LITHUANIAN COLD WATER BROOKS  
TR AKAD NAUK LITOV SSR  
2(46)131-142, 8 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 801495 HATA, NOBUYUKI - 1968  
NDAGAA FISHING AND SETTLEMENT FORMATION ALONG  
LAKE TANGANYIKA  
KYOTO UNIV AFR STUD  
2:31-50, 3 FIGS, 2 TABLES
- 801496 DA FRANCA, P; DA FRANCA, M L P - 1968  
OCORRENCIA DE KYPHOSUS INCISOR (CUVIER)  
(PISCES, PERCIFORMES, KYPHOSIDAE) NA COSTA DE  
ANGOLA  
JUNTA INVEST ULTRAMAR NOTAS CENTRO BIOL AQUA  
TROP  
(9)1-17, 4 FIGS
- 801497 ALTUKHOV, E A; BULATOVICH, M A - 1968  
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VESTN ZOOL  
(5)10-14, 3 TABLES
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- 801499 MAYER, JAN; KRCAL, JAROMIR; KORTUS, JOZEF;  
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KARAUISCHE CARASSIUS CARASSIUS L  
BIOLOGIA (BRATISLAVA)  
23(5)357-362, 2 FIGS  
IN SLOVAK WITH GERMAN SUMMARY
- 801500 DYK, VACLAV - 1968  
BEMERKUNGEN UBER DIE GOLDORFE (ABART LEUCISCUS  
IDUS L) AUS DEM BERGSEE STRBSKE PLESO (HOHE  
TATRA)  
BIOLOGIA (BRATISLAVA)  
23(5)401-404  
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- 801504 RUUDI, I T - 1968  
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EESTI LOODUS  
11(7)444-445, 1 FIG  
IN ESTONIAN
- 801505 MOLNAR, BELA; SZABO, SIGISMUND - 1968  
THE PREOPTIC-HYPOPHYSAL NEUROSECRETORY SYSTEM  
IN CARP IN PROLONGED STARVATION  
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13(2)101-105, 4 FIGS  
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- 801506 OROS, IOAN; STANCIU, SOARE - 1968  
METABOLIC ASPECTS IN BULLHEAD (AMIURUS  
NEBULOSUS) IN COLD SEASON  
STUD UNIV BABES-BOLYAI SER BIOL  
13(2)133-138, 1 FIG, 4 TABLES  
IN ROMANIAN WITH ENGLISH SUMMARY
- 801507 TAVERNE, LOUIS - 1968  
OSTEOLOGIE DU GENRE CAMPYLOMORMYRUS BLEEKER  
(PISCES MORMYRIFORMES)  
ANN SOC ROY ZOOL BELGE  
98(3)147-188, 20 FIGS
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A CHECK-LIST OF THE FISHES RECORDED FROM THE  
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AUST ZOOL  
15(1)1-102, 2 FIGS
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ON THE STRUCTURE OF THE POPULATION OF SEVAN  
TROUT BEFORE THE STABILIZATION OF THE LAKE  
LEVEL  
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OSTEOLOGY AND RELATIONSHIPS OF THE LATERNFISHES  
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CHRYSOPTERUS) IN SOME WISCONSIN LAKES  
DISS ABSTR  
29(3)1220-B
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TOWARDS THE PROBLEM OF THE NATURAL REPRODUCTION  
OF THE BODZHAK SEVAN TROUT (SALMO ISCHCHAN  
DANILIVSKII) IN LAKE SEVAN  
BIOL ZH ARM  
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IN RUSSIAN
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BULL OSAKA MUS NATUR HIST  
(21)19-29, 2 FIGS, 5 TABLES  
IN JAPANESE WITH ENGLISH LIST
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RECOVERY FROM RADIATION INJURIES IN ORGANISM  
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IN JAPANESE
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RESPONSES TO STEROIDS OF XIPHOPHORUS ACTH CELLS  
IN ORGAN CULTURE  
Z ZELLFORSCH  
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(OPISTHOLEBETIDAE FUKUI, 1929) FROM THE GLOBE  
FISH, TETRAODON VIRIDIPUNCTATUS (GUNTHER) FROM  
INDIA  
J HELMINTHOL  
42(3/4)283-288, 4 FIGS
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ANOMALOUS POSITIONS OF THE PLEROCERCOID OF  
LIGULA INTESTINALIS (LINNAEUS 1758)  
J HELMINTHOL  
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OLIGAPTA MANTERI SP NOV (AXINIDAE,  
MONOGENOIDEA) AND PSEUDOTHORACOCOTYLE  
SCOMBEROMORI SP NOV (GASTROCOOTYLIDAE,  
MONOGENOIDEA) FROM SOUTH PACIFIC FISHES  
J HELMINTHOL  
42(3/4)411-420, 2 FIGS
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J HELMINTHOL
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PARASITOLOGY  
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PARASITE OF IRISH SALMON, SALMO SALAR  
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MACROLECITHUS PAPILLIGER SP NOV (DIGenea,  
ALLOCREADIIDAE, STOSSICH, 1904) FROM PHOXINUS  
PHOXINUS (L), MORPHOLOGY, HISTOCHEMISTRY AND  
EGG CAPSULE FORMATION  
PARASITOLOGY  
58(4)855-878, 23 FIGS, 3 TABLES
- 801528 KEARN, G C - 1968  
THE LARVAL DEVELOPMENT OF MERIZOCOTYLE SP, A  
NONOCOTYLID MONOGENEAN FROM THE NASAL FOSSAE OF  
RAIA UNDULATA  
PARASITOLOGY  
58(4)921-928, 2 FIGS
- 801529 WILLIAMS, H HARTFORD - 1968  
PHYLOBOTHRUM PIRIEI SP NOV (CESTODA,  
TETRAPHYLLIDAE) FROM RAJA NAEVUS WITH A COMMENT  
ON ITS HABITAT AND MODE OF ATTACHMENT  
PARASITOLOGY  
58(4)929-937, 14 FIGS
- 801530 ROTT, N N; SHEVELEVA, G A - 1968  
CHANGES IN THE RATE OF CELL DIVISIONS IN THE  
COURSE OF EARLY DEVELOPMENT OF DIPLOID AND  
HAPLOID LOACH EMBRYOS  
J EMBRYOL EXP MORPHOL  
20(2)141-150, 2 FIGS, 1 TABLE
- 801531 HARGIS, WILLIAM J JR; ZWERNER, DAVID E - 1968  
PARASITES OF ANTARCTIC VERTEBRATES AND  
INVERTEBRATES  
ANTARCTIC J U S  
3(5)163-164, 1 FIG
- 801532 BLAXTER, J H S - 1968  
LIGHT INTENSITY, VISION, AND FEEDING IN YOUNG  
PLAICE  
J EXP MAR BIOL ECOL  
2(3)293-307, 8 FIGS, 1 TABLE
- 801533 KUILICI, F - 1968  
ON LAKE CHAD  
PRIRODA (MOSKVA)  
(9)71-76, 4 FIGS  
IN RUSSIAN
- 801534 STANGENBERG-OPOROWSKA, K - 1968  
CHEMISCHE ZUSAMMENSETZUNG DER  
KARPFENTEICHWASSER DER WELT  
INT VER THEOR ANGEW LIMNOL VERH  
16(3)1251-1261, 3 FIGS, 1 TABLE
- 801535 PROWSE, G A - 1968  
THE IMPORTANCE OF THE CHEMISTRY OF THE WATER TO  
THE PRODUCTION OF CARP IN PONDS  
INT VER THEOR ANGEW LIMNOL VERH  
16(3)1263-1284
- 801536 DONASZY, E - 1968  
DIE BEDEUTUNG DES CHEMISMUS VON TEICHGEWASSERN  
FÜR DIE KARPENZUCHT  
INT VER THEOR ANGEW LIMNOL VERH  
16(3)1285-1291
- 801537 HEPHER, B - 1968

	<b>SOME ASPECTS OF THE PHOSPHORUS CYCLE IN FISHPONDS</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1293-1297	INT VER THEOR ANGEW LIMNOL VERH 16(3)1435-1439, 1 FIG	801538 - 801563
801538	SZUMIEC, M - 1968 <b>ZEITRAUMIGE TEMPERATURÄNDERUNGEN ÜBER LAICHTTEICHEN UND ÜBER DEM BODEN IN DEN NIEDRIGSTEN LUFTSCHICHTEN</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1311-1317, 4 FIGS, 2 TABLES	801551 STEFFENS, W - 1968 <b>DAS DOMESTIKATIONSPROBLEM BEIM KARPFFEN (CYPRINUS CARPIO L)</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1441-1448, 3 FIGS	
801539	VAMOS, R - 1968 <b>BIOLOGICAL EFFECTS OF SULPHATE-REDUCTION IN PONDS</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1329-1331	801552 MATTHEIS, TH - 1968 <b>DIE BAKTERIENFLORA DES KARPFFENS (CYPRINUS CARPIO) UND IHRE BEDEUTUNG FÜR DIE TEICHWIRTSCHAFT</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1449-1453	
801540	MULLER, W - 1968 <b>DIE PLANKTISCHE PRIMÄRPRODUKTION IN KARPFFENTEICHEN UNTER DEM EINFLUSS VERSCHIEDENER PHOSPHATDÜNGUNG</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1333-1339, 11 FIGS	801553 ENACEANU, V - 1968 <b>HYDROBIOLOGISCHE UNTERSUCHUNGEN ÜBER RUMANISCHE KUSTENSEEN</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1455-1462, 4 FIGS, 4 TABLES	
801541	DONASZY, E - 1968 <b>DAS ZOOPLANKTON IN DEN KARPFFENTEICHEN UNGARNS</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1341-1357, 9 FIGS, 7 TABLES	801554 FILUK, J; ZMUDZINSKI, L - 1968 <b>DIE ZUSAMMENHÄNGE IN DER FISCHERNÄHRUNG IN ZALEW WISLANY</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1485-1488, 1 TABLE	
801542	GRYGIEREK, E; HILLBRICHT-ILOWSKA, A; SPODNIEWSKA, I - 1968 <b>THE EFFECT OF FISH ON PLANKTON COMMUNITY IN PONDS</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1359-1366, 6 FIGS	801555 ZARNECKI, S - 1968 <b>MIGRATIONS OF SEA TROUT (POLISH TAGGING EXPERIMENTS)</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1777-1787, 5 FIGS	
801543	BARTHELMES, D - 1968 <b>ZUR VERBREITUNG UND BEDEUTUNG RAUBERISCHER DIPTERENLARVEN IN KARPFFENTEICHEN</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1377-1382, 5 FIGS	801556 GROSS, WALTER - 1968 <b>PORENSCHUPPEN UND SINNESLINIEN DES THELODONTIERS PHLEBOLEPIS ELEGANS PANDER</b> PALAONTOL Z 42(3/4)131-146, 11 FIGS	
801544	LELLAK, J - 1968 <b>ZUR FRAGE DER EXPERIMENTALEN UNTERSUCHUNG DES EINFLUSSES DER FRESSSTATIGKEIT DES FISCHBESTANDES AUF DIE BODENFAUNA DER TEICHE</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1383-1391, 2 FIGS, 2 TABLES	801557 WILD, TREVOR - 1968 <b>SALTWATER CLEANERS</b> AQUARIST PONDKPR 582(NOV)609	
801545	PROWSE, G A - 1968 <b>SOME ASPECTS OF TROPICAL FISH CULTURE</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1405-1407	801558 DAW, NIGEL W - 1968 <b>COLOUR-CODED GANGLION CELLS IN THE GOLDFISH RETINA, EXTENSION OF THEIR RECEPTIVE FIELDS BY MEANS OF NEW STIMULI</b> J PHYSIOL (LONDON) 197(3)567-592, 13 FIGS, 2 TABLES	
801546	SCHEER, D - 1968 <b>NUTZBARMACHUNG EINER 'ÖKOLOGISCHEN NICHE'</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1409-1414	801559 KIYOHARA, TOSHIKAZU; ITO, SHIZUO - 1968 <b>ACTIVATION POTENTIAL OBSERVED IN THE CENTRIFUGED EGG OF THE JAPANESE KILLFISH (ORYZIAS LATIPES)</b> KUMAMOTO J SCI SER B SECT 2 BIOL 9(1)23-27, 3 FIGS	
801547	SCHAPERCLAUS, W - 1968 <b>BEDEUTUNG DES EFFEKTIVEN NATURZUWACHSES FÜR DIE GESAMTPRODUKTION IM KARPFFENTEICH</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1415-1420, 5 TABLES	801560 ANONYMOUS - 1968 <b>HUGE RAINBOW TROUT, ANOTHER MONSTER FROM JEWEL LAKE</b> WILDLIFE REV (VANCOUVER) 4(10)24-25, 3 FIGS	
801548	WOLNY, P - 1968 <b>EINFLUSS DES AUZUCHTSYSTEMS AUF DIE WINTERVERLUSTE BEI EINSOMMERIGEN KARPFFEN</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1421-1428, 3 FIGS, 4 TABLES	801561 INOUE, MASAOKI; UYENO, TERUYA - 1968 <b>OCCURRENCE OF TWO PALEOGENE FISH FOSSILS AT OYUBARI COAL MINE IN CENTRAL HOKKAIDO, JAPAN</b> BULL NAT SCI MUS (TOKYO) 11(3)319-326, 3 FIGS	
801549	STEGMAN, KAZIMIERZ - 1968 <b>DER MUSTERNATURZUWACHS ALS GRUNDLAGE ZUR BESATZBERECHNUNG</b> INT VER THEOR ANGEW LIMNOL VERH 16(3)1429-1434, 3 TABLES	801562 MARINARO, J-Y; BENKARA-MOSTEFA, M - 1968 <b>CONTRIBUTION A L'ETUDE DES OEUFES ET LARVES PELAGIQUES DE POISSONS MEDITERRANEENS, III, A LA RECHERCHE D'UNE AIRE DE PONTE DE LA SARDINE (SARDINA PILCHARDUS WALB) DANS LES EAUX MALTAISES</b> PELAGOS (9)84-92, 1 FIG, 4 TABLES	
801550	WLODEK, J M - 1968 <b>STUDIES ON THE VARIABILITY OF CARP POPULATIONS IN PONDS</b>	801563 DENISON, ROBERT H - 1968	

801564 - 801587	MIDDLE DEVONIAN FISHES FROM THE LEMHI RANGE OF IDAHO FIELDIANA GEOL 16(10)269-287, 12 FIGS	801576	MUNK, OLE - 1968 ON THE EYE AND THE SO-CALLED PREORBITAL LIGHT ORGAN OF THE ISOSPONDYLOUS DEEP-SEA FISH BATHYLACO NIGRICANS GOODE AND BEAN, 1896 GALATHEA REP 9:211-220, 11 FIGS
801564	YAMAMOTO, TOKI-O; KAJISHIMA, TAKAO - 1968 SEX HORMONE INDUCTION OF SEX REVERSAL IN THE GOLDFISH AND EVIDENCE FOR MALE HETEROGAMITY J EXP ZOOL 168(2)215-221, 2 FIGS, 4 TABLES	801577	NIELSEN, JORGEN G; LARSEN, VERNER - 1968 SYNOPSIS OF THE BATHYLACONIDAE (PISCES, ISOSPONDYLI) WITH A NEW EASTERN PACIFIC SPECIES GALATHEA REP 9:221-238, 19 FIGS, 4 TABLES
801565	MASSARO, EDWARD J; MARKERT, CLEMENT L - 1968 ISOZYME PATTERNS OF SALMONID FISHES, EVIDENCE FOR MULTIPLE CISTRONS FOR LACTATE DEHYDROGENASE POLYPEPTIDES J EXP ZOOL 168(2)223-238, 6 FIGS	801578	NIELSEN, JORGEN G; JESPERSEN, ASE; MUNK, OLE 1968 SPERMATOPHYTES IN OPHIDIOIDEA (PISCES, PERCOMORPHI) GALATHEA REP 9:239-254, 35 FIGS, 1 TABLE
801566	DECHTIAR, ALEX O - 1968 NEOECHINORHYNCHUS CARPIODI N SP (ACANTHOCEPHALA, NEOECHINORHYNCHIDAE) FROM QUILLBACK OF LAKE ERIE CAN J ZOOL 46(2)201-204, 6 FIGS	801579	KITAHARA, TAKERU - 1968 ON SWEEPING TRAMMEL NET (KOGISASIAMII) FISHERY ALONG COAST OF THE SAN-IN DISTRICT-III, MESH SELECTIVITY CURVE OF SWEEPING TRAMMEL NET FOR BRANQUILLOS BULL JAP SOC SCI FISH 34(9)759-763, 6 FIGS, 1 TABLE
801567	CAPREOL, S V; SUTHERLAND, L E - 1968 COMPARATIVE MORPHOLOGY OF JUXTAGLOMERULAR CELLS, I, JUXTAGLOMERULAR CELLS IN FISH CAN J ZOOL 46(2)249-256, 4 FIGS	801580	KARIYA, TEIJI; ETO, SHUKO; OGASAWARA, SUSUMU 1968 STUDIES ON THE POSTMORTEM IDENTIFICATION OF THE POLLUTANT IN FISH KILLED BY WATER POLLUTION-VIII, ON ACUTE POISONING WITH PHENOL BULL JAP SOC SCI FISH 34(9)764-769, 6 TABLES IN JAPANESE WITH ENGLISH SUMMARY
801568	CHAROUSSET, FRANCOIS - 1968 ZUM VORKOMMEN VON BLENNIUS CANEVAE VINCIGUERRA 1887 AN DER SPANISCHEN MITTELMEERKUSTE, (PISCES, BLENNIOIDEA, BLENNIIDAE) SENCKENBERGIANA BIOL 49(3/4)219-222, 2 FIGS, 2 TABLES	801581	CHIKUNI, SHIRO - 1968 ON THE SCALE CHARACTERS OF THE PACIFIC OCEAN PERCH IN THE BERING SEA-II, FORMATION OF THE RESTING ZONE ON SCALE, ITS TIME AND PERIODICITY BULL JAP SOC SCI FISH 34(9)770-774, 3 FIGS, 2 TABLES IN JAPANESE WITH ENGLISH SUMMARY
801569	WEILER, WILHELM - 1968 DIE OTOLITHEN DER BATHYPELAGISCHEN FAMILIE MELAMPHADAE UND IHRE SYSTEMATISCHE BEDEUTUNG (PISCES) SENCKENBERGIANA BIOL 49(3/4)223-230, 7 FIGS	801582	TANAKA, SYOITI - 1968 ESTIMATION OF FISHING COEFFICIENT OF MOJAKO BY TAGGING EXPERIMENTS ON DRIFTING SEaweeds-II, FISHING RATE OF DRIFTING SEaweED BULL JAP SOC SCI FISH 34(9)775-780, 2 FIGS, 1 TABLE
801570	KENNEDY, MICHAEL; FITZMAURICE, PATRICK - 1968 OCCURRENCE OF EGGS OF BASS DICENTRARCHUS LABRAX ON THE SOUTHERN COASTS OF IRELAND J MAR BIOL ASS U K 48(3)585-592, 2 FIGS, 2 TABLES	801583	ISHIWATA, NAONORI - 1968 ECOLOGICAL STUDIES ON THE FEEDING OF FISHES-V, SIZE OF FISH AND SATIATION AMOUNT BULL JAP SOC SCI FISH 34(9)781-784, 2 FIGS, 3 TABLES IN JAPANESE WITH ENGLISH SUMMARY
801571	ANONYMOUS - 1968 MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM, REPORT OF THE COUNCIL FOR 1967-68 MAR BIOL ASS U K 48(3)837-868	801584	ISHIWATA, NAONORI - 1968 ECOLOGICAL STUDIES ON THE FEEDING OF FISHES-VI, EXTERNAL FACTORS AFFECTING SATIATION AMOUNT (1) BULL JAP SOC SCI FISH 34(9)785-791, 4 FIGS, 5 TABLES IN JAPANESE WITH ENGLISH SUMMARY
801572	DOOLEY, THOMAS P - 1968 COMPARATIVE EFFECTS OF ABS AND LAS ON THE MOSQUITO MINNOW (GAMBUSIA AFFINIS) TEX J SCI 20(2)147-155, 4 FIGS, 3 TABLES	801585	NAKAJIMA, KENJI; EGUSA, SYUZO - 1968 STUDIES ON A NEW TRYPANORHYNCHAN LARVA, CALLOTETRARHYNCHUS SP. PARASITIC ON CULTURED YELLOWTAIL-I, ON THE DISTRIBUTION, MORPHOLOGY AND CLASSIFICATION BULL JAP SOC SCI FISH 34(9)792-809, 16 FIGS, 5 TABLES
801573	BAIRD, RONALD C - 1968 AGGRESSIVE BEHAVIOR AND SOCIAL ORGANIZATION IN MOLLINESIA LATIPINNA LE SUEUR TEX J SCI 20(2)157-176, 8 TABLES	801586	HAYASHI, SEIICHI; SAITO, TSUNEYUKI - 1968 BIOCHEMICAL STUDIES ON THE SKIN OF FISH-I, ACID-SOLUBLE NUCLEOTIDES IN THE DERMIS OF SOME FISHES BULL JAP SOC SCI FISH 34(9)816-825, 7 FIGS, 3 TABLES IN JAPANESE WITH ENGLISH SUMMARY
801574	HUBBS, CLARK; PEDEN, ALEX E - 1968 NOTES ON THE DISTRIBUTION OF BLACKBASS (MICROPTERUS) IN THE SAN MARCOS RIVER, HAYS COUNTY, TEXAS TEX J SCI 20(2)193-194, 1 TABLE	801587	YAMAGUCHI, KATSUMI; HASHIMOTO, KANEHISA; MATSUURA, FUMIO - 1968
801575	WEBB, S DAVID; TESSMAN, NORM - 1968 A PLIOCENE VERTEBRATE FAUNA FROM LOW ELEVATION IN MANATEE COUNTY, FLORIDA AMER J SCI 266(9)777-811, 5 FIGS, 4 TABLES		



- STUDIES ON A BLUE-GREEN SERUM PIGMENT OF EEL-IV, SEASONAL VARIATION OF CONCENTRATION OF PIGMENT IN SERUM**  
BULL JAP SOC SCI FISH 34 (9)  
826-835, 2 FIGS, 4 TABLES
- 801588** IWAI, TAMOTSU; TANAKA, MASARU - 1968  
**THE COMPARATIVE STUDY OF THE DIGESTIVE TRACT OF TELEOST LARVAE-IV, ABSORPTION OF FAT BY THE GUT OF HALFBEAK LARVAE**  
BULL JAP SOC SCI FISH  
34(10)871-875, 5 FIGS
- 801589** FUKUSHO, KUNIHICO - 1968  
**THE RACIAL DIFFERENCE OF TEMPERATURE RESPONSES AMONG CYPRINID FISHES GENUS CARASSIUS**  
BULL JAP SOC SCI FISH  
34(10)876-881, 2 FIGS, 1 TABLE
- 801590** OGURI, MIKIO; SOKABE, HIROFUMI - 1968  
**JUXTAGLOMERULAR CELLS IN THE TELEOST KIDNEYS**  
BULL JAP SOC SCI FISH  
34(10)882-888, 15 FIGS
- 801591** SERA, HIROSHI; OKUTANI, KOICHI - 1968  
**STUDIES ON CHITINOLYTIC ENZYME PRESENT IN AQUATIC ANIMALS-VII, THE CHITINOLYTIC ENZYME PRESENT IN A SEA BREAM, ACANTHOPAGRUS SCHLEGELI**  
BULL JAP SOC SCI FISH  
34(10)920-924, 7 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 801592** AMANO, HIDEOMI; HASHIMOTO, KANEHISA; MATSUURA, FUMIO - 1968  
**N-TERMINAL AMINO ACID OF EEL HEMOGLOBIN**  
BULL JAP SOC SCI FISH  
34(10)937-943, 4 FIGS, 1 TABLE
- 801593** NAGAYAMA, FUMIO; SAITO, YUJI - 1968  
**DISTRIBUTION OF AMYLASE, ALPHA-AND BETA-GLUCOSIDASE, AND BETA-GALACTOSIDASE IN FISH**  
BULL JAP SOC SCI FISH  
34(10)944-947, 1 FIG, 4 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801594** NAGAYAMA, FUMIO; YAMADA, TAIZO; TAUTI, MASARU - 1968  
**ACTIVITIES OF UDPGLUCOSE DEHYDROGENASE, UDPGLUCURONYL TRANSFERASE, AND SOME GLYCOSIDASES OF FRESHWATER FISH DURING THE ADAPTATION TO SALT WATER**  
BULL JAP SOC SCI FISH  
34(10)950-954, 2 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801595** AMANO, HIDEOMI; HASHIMOTO, KANEHISA; MATSUURA, FUMIO - 1968  
**N-TERMINAL STRUCTURE OF FISH MYOGLOBIN**  
BULL JAP SOC SCI FISH  
34(10)955-958, 1 FIG
- 801596** AOE, HIROSHI; MASUDA, ISAO; MIMURA, TSUGUO; SAITO, TAKASHI; KOMO, ATUKO - 1968  
**REQUIREMENT OF YOUNG CARP FOR VITAMIN A**  
BULL JAP SOC SCI FISH  
34(10)959-964, 4 FIGS, 3 TABLES
- 801597** KRUSHINSKII, L V; MOLODKINA, L N; FLESS, D A; OCHINSKAYA, E I; STESHENKO, A P; ZORINA, Z A; DYAKOVA, L M - 1968  
**A COMPARATIVE PHYSIOLOGICAL AND GENETIC STUDY OF COMPLEX FORMS OF BEHAVIOUR (THE EXTRAPOLATION CAPACITY) IN ANIMALS**  
VESTN MOSK UNIV SER VI BIOL POCHVOVED  
(3)8-19, 3 FIGS, 7 TABLES  
IN RUSSIAN
- 801598** STROGANOV, N S - 1968  
**THE TECHNIQUE OF RAPID DETERMINATION OF THE TOXICITY OF THE WATER MEDIUM**  
VESTN MOSK UNIV SER VI BIOL POCHVOVED  
(3)40-46, 1 FIG, 1 TABLE  
IN RUSSIAN
- 801599** MARS-VALLETT, A E - 1968  
LE GARDON, JACQUES BONHONNE DE LA RIVIERE  
BETES ET NATURE  
(59)22-23, 4 FIGS
- 801600** ANONYMOUS - 1968  
**INVENTAIRE DES COLLECTIONS ZOOLOGIQUES 1968**  
ZOO (SUPPL)  
34(1/2)23-30
- 801601** PACKARD, G C; KILGORE, D L JR - 1968  
**INTERNAL FERTILIZATION, ADAPTIVE VALUE TO EARLY AMNIOTES**  
J THEOR BIOL  
20(2)245-248
- 801602** JARVIS, CAROLINE; BIEGLER, RUTH - 1968  
**SPECIES OF WILD ANIMALS BRED IN CAPTIVITY DURING 1966**  
INT ZOO YEARB  
8:343-348
- 801603** BRANDLE, K - 1968  
**EMBRYOLOGIE DER VERTEBRATEN, BAU UND ENTWICKLUNG DER KEIMZELLEN**  
FORTSCHR ZOOLOG  
19(2/3)141-193, 11 FIGS, 1 TABLE
- 801604** SCHWOERBEL, J - 1968  
**OKOLOGIE DER SUSSWASSERTIERE, STEHENDE GEWASSER**  
FORTSCHR ZOOLOG  
19(2/3)283-321, 3 FIGS, 2 TABLES
- 801605** LINSS, W; GEYER, G - 1968  
**ELEKTRONENMIKROSKOPISCHE UNTERSUCHUNGEN AM OESOPHAGUS DES HECHTES (ESOX LUCIUS L) I, DIE FEINSTRUKTUR DER EINKORNZELLEN**  
ANAT ANZ  
123(4)423-438, 11 FIGS
- 801606** SRIVASTAVA, ANIL K - 1968  
**STUDIES ON THE HEMATOLOGY OF CERTAIN FRESHWATER TELEOSTS. IV. LEUCOCYTES**  
ANAT ANZ  
123(5)520-533, 41 FIGS, 3 TABLES
- 801607** TAKAHASHI, MASAO; MURACHI, SHIRO; KARAKAWA, YOSHIKO - 1968  
**STUDIES ON THE OPTOMOTOR REACTION OF FISHES, I, EXAMINATION OF THE CONDITIONS NECESSARY TO INDUCE THE REACTION OF THE JAPANESE KILLIFISH, ORYZIAS LATIPES TEMMINCK ET SCHLEGEL**  
J FAC FISH ANIM HUSB HIROSHIMA UNIV  
7(2)193-208, 12 FIGS
- 801608** ETOH, H - 1968  
**CHANGES IN INCORPORATION OF 3H-THYMIDINE INTO HEMATOPOIETIC CELLS OF GOLDFISH FOLLOWING X-IRRADIATION**  
ZOOLOG MAG  
77(7)213-219, 7 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 801609** BERINKEY, L - 1968  
**THE VARIANCE OF PHOXINUS POPULATIONS**  
ANN HIST-NATUR MUS NAT HUNG  
60:275-284, 4 TABLES
- 801610** LONGHURST, ALAN R - 1968  
**BUREAU OF COMMERCIAL FISHERIES FISHERY-OCEANOGRAPHIC CENTER LA JOLLA, CALIFORNIA FISCAL YEAR 1968**  
U S FISH WILDLIFE SERV CIRC  
(303)V + 38P, 38 FIGS
- 801611** KUMANSKI, KR - 1968  
**CONTRIBUTIONS TO HISTOPHYSIOLOGICAL OVULATION IN CTENOPHARYNGODON IDELLUS (VAL) FOLLOWING STIMULATION WITH HYPOPHYSEAL EXTRACT**  
BULG AKAD NAUK IZV ZOOLOG INST MUS  
27:41-49  
IN RUSSIAN WITH ENGLISH SUMMARY

- 801612 - 801638
- 801612 TREFETHEN, PARKER S - 1968  
FISH-PASSAGE RESEARCH, REVIEW OF PROGRESS,  
1961-66  
U S FISH WILDLIFE SERV CIRC  
(254)IV + 24P, 38 FIGS, 2 TABLES
- 801613 ROBERTS, FRANKLIN L - 1968  
CHROMOSOMAL POLYMORPHISM IN NORTH AMERICAN  
LANDLOCKED SALMO SALAR  
CAN J GEN CYTOL  
10(4)865-875, 4 FIGS, 2 TABLES
- 801614 KLINKE, R; SCHMIDT, C L - 1968  
EFFERENTE IMPULSE IM NERVUS VESTIBULARIS BEI  
REIZUNG DES KONTRALATERALEN OTOLITHENORGANS  
PFLUEGERS ARCH GESAMTE PHYSIOL MENSCHEN TIERE  
304(2)183-188, 2 FIGS
- 801615 IWAI, TAMOTSU - 1968  
FINE STRUCTURE AND ABSORPTION PATTERNS OF  
INTESTINAL EPITHELIAL CELLS IN RAINBOW TROUT  
ALEVINS  
Z ZELLFORSCH  
91(3)366-379, 8 FIGS
- 801616 SRIVASTAVA, ANIL K - 1968  
STUDIES ON THE HEMATOLOGY OF CERTAIN FRESHWATER  
TELEOSTS, I, ERYTHROCYTES  
ANAT ANZ  
123(3)233-249, 16 FIGS, 5 TABLES
- 801617 BLANC, M; HUREAU, J C - 1968  
CATALOGUE CRITIQUE DES TYPES DE POISSONS DU  
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A JOUES CUIRASSEES)  
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- 801618 READ, JULIA B; BURNSTOCK, G - 1968  
COMPARATIVE HISTOCHEMICAL STUDIES OF ADRENERGIC  
NERVES IN THE ENTERIC PLEXUSES OF VERTEBRATE  
LARGE INTESTINE  
COMP BIOCHEM PHYSIOL  
27(2)505-517, 5 FIGS
- 801619 SMITH, ALBERT CARL - 1968  
EFFECTS OF SODIUM CHLORIDE CONCENTRATION ON  
SOLUBILITY AND ELECTROPHORETIC CHARACTERISTICS  
OF PROTEIN FROM THE EYE LENS NUCLEUS IN A  
YELLOWFIN TUNA (THUNNUS ALBACARES) AND IN A  
DESERT WOOD RAT (NEOTOMA LEPIDA)  
COMP BIOCHEM PHYSIOL  
27(2)543-549, 2 FIGS
- 801620 HOCHACHKA, P W - 1968  
THE NATURE OF THE THERMAL OPTIMUM FOR LUNGFISH  
LACTATE DEHYDROGENASE  
COMP BIOCHEM PHYSIOL  
27(2)609-611, 2 FIGS
- 801621 HOCHACHKA, P W - 1968  
LACTATE DEHYDROGENASE FUNCTION IN ELECTROPHORUS  
SWIMBLADDER AND IN THE LUNGFISH LUNG  
COMP BIOCHEM PHYSIOL  
27(2)613-615, 1 TABLE
- 801622 EISER, PER S; SZABO, THOMAS - 1968  
EFFECT OF TEMPERATURE ON THE DISCHARGE RATES OF  
THE ELECTRIC ORGAN OF SOME GYMNOTIDS  
COMP BIOCHEM PHYSIOL  
27(2)625-627, 1 FIG
- 801623 PEYER, BERNHARD; ZANGERL, RAINER - 1968  
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XVI + 450P, ILLUS
- 801624 VOROB'YEVA, E I; MINIKH, M G - 1968  
EXPERIMENTAL APPLICATION OF BIOMETRY TO THE  
STUDY OF CERATODONTID DENTAL PLATES  
PALEONTOL J TRANSL PALEONTOL ZH  
2(2)217-227, 37 FIGS, 4 TABLES
- 801625 THOMSON, KEITH STEWART - 1968  
EXPERIMENTS ON LUNGFISH RESPIRATION  
DISCOVERY (NEW HAVEN)  
4(1)13-18, 3 FIGS
- 801626 PREVOT, GEORGES - 1968  
CONTRIBUTION A LA CONNAISSANCE DU CYCLE DE  
LEPIDAUCHEN STENOSTOMA NICOLL, 1913 (TREMATODA,  
DIGenea, LEPOCREADIIDAE NICOLL, 1935,  
LEPOCREADIIDAE ODHNER, 1905)  
ANN PARASITOL HUM COMP  
43(3)321-331, 5 FIGS
- 801627 EBERLE, HELGA - 1968  
ZAPFENBAU, ZAPFENLANGE UND CHROMATISCHE  
ABERRATION IM AUGEN VON LEBISTES RETICULATUS  
PETERS (GUPPY)  
ZOOLOG JAHRE ABT ALLG ZOOLOG PHYSIOL TIERE  
74(2)121-154, 13 FIGS, 7 TABLES
- 801628 MILLER, HALSEY W - 1968  
ADDITIONS TO THE UPPER CRETACEOUS VERTEBRATE  
FAUNA OF PHOEBUS LANDING, NORTH CAROLINA  
J ELISHA MITCHELL SCI SOC  
84(4)467-471, 4 FIGS
- 801629 KOHZ, EBERHARD - 1968  
UBER DIE BEDEUTUNG DES SCHAUMNESTES DER  
LABYRINTHISCHE  
AQUARIEN TERRARIEN Z  
21(12)358-360, 1 FIG
- 801630 FOERSCH, WALTER - 1968  
NEUE APHYOSEMIONARTEN AUS KAMERUN  
AQUARIEN TERRARIEN Z  
21(12)365-369, 11 FIGS
- 801631 KLAUSEWITZ, WOLFGANG - 1968  
EIN NEU IMPORTIERTER PUTZERFISCH,  
DIPROCTACANTHUS XANTHURUS  
AQUARIEN TERRARIEN Z  
21(12)369-370, 2 FIGS
- 801632 KNAACK, KARL - 1968  
EIN 'NEUER' FISCH BITTET UM EINTRITT, DER  
ZWERGHECHTLING EPIPLATYS ANNULATUS VERDIENST  
UNSERE AUFMERKSAMKEIT  
AQUARIEN MAG  
(12)492-497, 21 FIGS
- 801633 RUSEK, JOSEF - 1968  
KUNSTLICHE BESAMUNG-NICHT NUR IM KUHSTALL, DIE  
ZUCHT DES LYRATAIL-SCHWERTTRAGERS GELINGT AUCH  
OHNE HOCHZUCHTWEIBCHEN!  
AQUARIEN MAG  
(12)501-503, 8 FIGS
- 801634 HERKNER, HUGO - 1968  
EIN NEUER PLAGEGEIST QUALT UNSERE FISCHE  
AQUARIEN MAG  
(12)504-505, 4 FIGS
- 801635 GLOGOWSKY, MICHAEL - 1968  
EIN ANFANGERFISCH, DEN NICHT JEDER HAT, DIE  
ZUCHT DES ZWERGSONNENBARSCHESS ELASSOMA  
EVERGLADEI  
AQUARIEN MAG  
(12)506-507, 1 FIG
- 801636 MELZER, JURGEN - 1968  
FLITTERWOCHEN OHNE ENDE, IST DER KAISERSALMLER  
'UNPRODUKTIV'?  
AQUARIEN MAG  
(12)526-527, 2 FIGS
- 801637 GREEN, J - 1968  
THE BIOLOGY OF ESTUARINE ANIMALS  
UNIVERSITY OF WASHINGTON: SEATTLE AND LONDON, X  
+ 401P, ILLUS
- 801638 ROUX, CH - 1968

- A PROPOS DES POISSONS DU GENRE UMBRINA (SCIAENIDES) DES COTES ATLANTIQUES D'AMERIQUE DU SUD**  
MUS NAT HIST NATUR (PARIS) BULL SER 2  
40(2)261-264
- 801639** QUIGNARD, J P - 1968  
NOUVELLES DONNEES SUR LE PROBLEME RACIAL CHEZ SYMPHODUS (CRENILABRUS) CINEREUS (BONNATERRE, 1788), FECONDATION ARTIFICIELLE ET ELEVAGE EXPERIMENTAL DE CE LABRIDE  
MUS NAT HIST NATUR (PARIS) BULL SER 2  
40(2)265-274, 10 FIGS, 3 TABLES
- 801640** GATES, DAVID M - 1968  
WATER WOES WORSENER BY OVER-FERTILIZING CONSERV CATALYST  
2(4)1-3, 2 FIGS
- 801641** JASINSKI, ANDRZEJ - 1968  
UROPHYSIS-THE SPINAL HYPOPHYSIS OF FISHES  
KOSMOS WARSZAWA SER A BIOL  
17(5)445-452, 8 FIGS  
IN POLISH
- 801642** LUKJANENKO, V I; SEDOV, S I - 1968  
ON THE VARIABILITY AND SPECIES SPECIFICITY OF PROTEIN SPECTRUM IN FISH BLOOD SERUM  
ZH OBSSHCH BIOL  
29(2)209-219, 4 FIGS, 6 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 801643** ALLEN, GEORGE H - 1968  
MORTALITY OF COHO SMOLTS MIGRATING THROUGH A LAKE SYSTEM  
ECOLOGY  
49(5)1001-1002, 1 FIG, 1 TABLE
- 801644** CHISLENKO, L L - 1968  
ON THE EXISTENCE OF SIZE STRUCTURE IN POPULATION OF THE PELAGIC ZONE OF THE WORLD OCEAN  
ZH OBSSHCH BIOL  
29(5)529-540, 2 FIGS, 1 TABLE
- 801645** TAKAMATSU, SHIRO - 1968  
THE TRAINING OF FISHES (3), MONKEY  
12(1)30-32, 7 FIGS
- 801646** DUNBAR, M J - 1968  
ECOLOGICAL DEVELOPMENT IN POLAR REGIONS, A STUDY IN EVOLUTION  
PRENTICE-HALL, INC: ENGLEWOOD CLIFFS, NEW JERSEY, VIII + 119P, ILLUS
- 801647** SCHAEFFER, BOBB - 1968  
DEVELOPMENTS, TRENDS, AND OUTLOOKS IN PALEONTOLOGY FOSSIL FISHES  
J PALEONTOL  
42(6)1373-1374
- 801648** PFEIFFER, WOLFGANG - 1968  
NACHWEIS VON SCHRECKREAKTION UND SCHRECKSTOFFZELLEN BEI EINER WEITEREN FISCHORDNUNG  
UMSCH WISS TEC  
68(19)819, 1 FIG
- 801649** VOLKER, AL - 1968  
ECOLOGICAL INVADERS TILTING THE SCALES  
SCI NEWS  
94(17)423-425, 7 FIGS
- 801650** PLANAS, J; CARRERES, J; BOSQUE, P G - 1968  
THE ENDOCRINE PANCREAS IN SOME SCOMBRIDAE  
ACTA ANAT  
69(4)520-541, 14 FIGS
- 801651** BOKDAWALA, F D - 1968  
A HISTOCHEMICAL STUDY OF FAT IN THE RED AND
- WHITE FIBRES OF FISH SKELETAL MUSCLE**  
J ANIM MORPHOL PHYSIOL  
14(2)231-241, 20 FIGS, 3 TABLES
- 801652** BULGER, RUTH ELLEN; TRUMP, BENJAMIN F - 1968  
RENAL MORPHOLOGY OF THE ENGLISH SOLE (PAROPHRYS VETULUS)  
AMER J ANAT  
123(1)195-225, 14 FIGS
- 801653** VIGLUNDSSON, IORSTEINN - 1968  
SJALDGAEFIR FISKAR  
NATTURUFRAEDINGURINN  
38(2)107-109, 3 FIGS  
IN ICELANDIC
- 801654** JOHNSON, ROY M; SCHWENT, ROSE MARY; PRESS, WESLEY - 1968  
THE CHARACTERISTICS AND DISTRIBUTION OF MARINE BACTERIA ISOLATED FROM THE INDIAN OCEAN  
LIMNOL OCEANOGR  
13(4)656-664, 2 FIGS, 11 TABLES
- 801655** KARRER, CHRISTINE - 1968  
UBER ERSTNACHWEISE UND SELTENE ARTEN VON FISCHEN AUS DEM SUDATLANTIK (ARGENTINISCH-SUDBRASILIANISCHE KUSTE), I, MITTEILUNG  
ZOOLOG JAHRB ABT SYST OEKOL GEOGR TIERE  
95(4)542-570, 10 FIGS, 6 TABLES
- 801656** VAN SLOGTEREN, E - 1968  
LIEF EN LEED BIJ HET HOUDEN VAN DE DISCUS  
AQUARIUM (DEN HAAG)  
39(6)122-131, 15 FIGS
- 801657** ALEXANDER, R MCNEILL - 1968  
WHAT HAPPENS WHEN AN ANGEL EATS  
PETFISH MONTHLY  
3(9)386-387 + 391, 5 FIGS
- 801658** MAKI, IWAQ - 1968  
STUDIES ON THE POPULATION DYNAMICS OF GNATHOPOGON CAERULESCENS SAUVAGE (PISCES), IN LAKE BIWA, JAPAN, V, RELATION BETWEEN THE ANNUAL FLUCTUATION OF GROWTH OF THE UNDER-YEARLING FISH AND THAT OF THE POPULATION ABUNDANCE IN WINTER  
JAP J ECOL  
18(4)158-166, 3 FIGS, 6 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 801659** LANGE, SIEGFRIED P - 1968  
ZUR MORPHOLOGIE UND TAXONOMIE DER FISCHGATTUNG UROCLES AUS JURA UND KREIDE EUROPAS  
PALAEONTOGR ABT A PALAEOZOOLOG-STRATIGR  
131(1/4)1-78, 13 FIGS, 2 TABLES
- 801660** BRANDENBURG, WILLIAM - 1968  
FILTRATION OF MARINE AQUARIA  
TROPICAL FISH HOBBYIST  
17(4)4-17, 8 FIGS
- 801661** AZUMA, HIROSHI - 1968  
JAPANESE AQUARIST SPAWNS METYNNIS  
TROPICAL FISH HOBBYIST  
17(4)82-87, 4 FIGS
- 801662** RICHTER, HANS JOACHIM - 1968  
COLISA FASCIATA  
TROPICAL FISH HOBBYIST  
17(4)88-92, 7 FIGS
- 801663** FISH, MARIE POLAND - 1968  
THE PRODUCTION OF UNDERWATER SOUND BY THE NORTHERN SEAHORSE, HIPPOCAMPUS HUDSONIUS  
TROPICAL FISH HOBBYIST  
17(4)93-97, 2 FIGS
- 801664** RICHARDS, WILLIAM J - 1968  
EASTERN ATLANTIC TRIGLIDAE (PISCES,

- SCORPAENIFORMES)**  
ATLANTIDE REP  
(10)77-114, 13 FIGS, 4 TABLES
- 801665 HOYLE, R J; TRUSCOTT, B; IDLER, D R - 1968  
STUDIES ON FREEZING SPERM OF ATLANTIC SALMON  
FISH RES BOARD CAN TECH REP  
(93)1V + 1-42P, 22 TABLES
- 801666 TAVOLGA, WILLIAM N - 1968  
HAVETS LARMENDE VERDEN  
NATUR VERDEN 1968 (NOV)  
344-352, 9 FIGS
- 801667 RICHTER, HANS JOACHIM - 1968  
A NEW STAR, PELMATOCHROMIS THOMASI  
TROPICAL FISH HOBBYIST  
17(3)38-39 + 42-43 + 46-47 + 50-51 + 62-63, 18 FIGS
- 801668 STRATTON, DICK - 1968  
KING OF THE CORAL FISHES  
TROPICAL FISH HOBBYIST  
17(2)4-14, 10 FIGS
- 801669 HANSEN, HILMAR - 1968  
APARTMENT 'SKYSCRAPER' FOR BETTAS  
TROPICAL FISH HOBBYIST  
17(2)18-25, 4 FIGS
- 801670 CURRIER, JERRY; SMITH, MARTY - 1968  
BLOOD AND LIGHTENING  
TROPICAL FISH HOBBYIST  
17(2)46-47 + 50-51 + 62, 4 FIGS
- 801671 ANONYMOUS - 1968  
PSEUDOCALCEUS KYBURZI (SCHULTZ) KYBURZ TETRA  
TROPICAL FISH HOBBYIST  
17(2)F492,10-F492,11, 2 FIGS
- 801672 ZUKAL, RUDOLF - 1968  
NANNACARA ANOMALA  
TROPICAL FISH HOBBYIST  
17(2)84-93, 11 FIGS
- 801673 TORTONESE, ENRICO - 1968  
CORIS JULIS (L), A COMMON MEDITERRANEAN WRASSE,  
PROBLEMS OF COLOR-PATTERN AND TAXONOMY  
TROPICAL FISH HOBBYIST  
17(1)84-87, 2 FIGS
- 801674 ANONYMOUS - 1968  
FLASH! THE LATEST DEVELOPMENT IN G T O  
TROPICAL FISH HOBBYIST  
17(2)96-97, 2 FIGS
- 801675 ANONYMOUS - 1968  
CORYDORAS MULTIMACULATUS (STEINDACHNER)/SOLDIER  
CATFISH  
TROPICAL FISH HOBBYIST  
17(1)F-208,10-F208,11, 2 FIGS
- 801676 ANONYMOUS - 1968  
A NEW VARIETY OF G T O GYMNOCORYMBUS TERNETZI  
TROPICAL FISH HOBBYIST  
17(1)8-14, 6 FIGS
- 801677 DOTSU, YOSHIE - 1968  
ARTIFICIAL BREEDING OF THE YELLOWTAIL  
SHIZEN  
23(8)12-15, 12 FIGS  
IN JAPANESE
- 801678 IMAI, SADAHIKO - 1968  
BARBELS OF FLYING FISH--JUVENILE STAGES OF THE  
MEMBERS OF FLYING FISH  
SHIZEN  
23(7)12-15, 18 FIGS  
IN JAPANESE
- 801679 ZUKAL, RUDOLF - 1968  
RIVULUS HOLMIAE  
TROPICAL FISH HOBBYIST  
17(1)91-95, 7 FIGS
- 801680 PFEIFFER, WOLFGANG - 1968  
UBER DIE EPIDERMIS VON LATIMERIA CHALUMNAE J L  
B SMITH 1939 (CROSSOPTERYGH, PISCES)  
Z MORPHOL TIERE  
63(4)419-427, 3 FIGS, 1 TABLE
- 801681 PIATETS'KYI, V IU; MAKARENKO, A P; KOZLOV, L P  
1968  
BIOHYDRODYNAMIC UNIT FOR STUDYING THE  
KINEMATICS OF SWIMMING AND THE BIOENERGETICS OF  
FISHES  
DOP AN URSR SER A  
30(2)145-148  
IN RUSSIAN
- 801682 KEMMERER, ANDREW J; GLUCKSMAN, JOSEPH;  
STEWART, PHILLIP A; MCCONNELL, WILLIAM J - 1968  
SOME PRODUCTIVITY RELATIONS IN SEVEN FISHING  
IMPOUNDMENTS IN EASTERN ARIZONA  
J ARIZ ACAD SCI  
5(2)80-85, 3 FIGS, 3 TABLES
- 801683 HINEGARDNER, RALPH - 1968  
EVOLUTION OF CELLULAR DNA CONTENT IN TELEOST  
FISHES  
AMER NATUR  
102(928)517-523, 2 FIGS, 1 TABLE
- 801684 BAGLIN, RAYMOND E JR; KILAMBI, RAJ V - 1968  
MATURITY AND SPAWNING PERIODICITY OF THE  
GIZZARD SHAD, DOROSOMA CEPEDIANUM,  
IN BEAVER RESERVOIR  
PROC ARKANSAS ACAD SCI  
22:38-43, 2 FIGS
- 801685 BACON, EDMOND J JR; KILAMBI, RAJ V - 1968  
SOME ASPECTS OF THE AGE AND GROWTH OF THE  
LONGEAR SUNFISH, LEPOMIS MEGALOTIS, IN ARKANSAS  
WATERS  
PROC ARKANSAS ACAD SCI  
22:44-56, 4 FIGS, 4 TABLES
- 801686 MENSCHUTKIN, V V - 1968  
THE STIMULATION OF RELATIONS IN THE COURSE OF  
COMPETITION FOR FOOD BETWEEN FISH POPULATIONS  
ZOO ZH  
47(11)1597-1602, 4 FIGS, 2 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 801687 WEILER, WILHELM - 1968  
OTOLITHI PISCUM (NEUBEARBEITUNG)  
FOSSILUM CATALOGUS  
1 ANIMALIA, PART 117:1-196
- 801688 ABRAMOFF, PETER; DARNELL, REZNEAT M;  
BALSANO, JOSEPH S - 1968  
ELECTROPHORETIC DEMONSTRATION OF THE HYBRID  
ORIGIN OF THE GYNOGENETIC TELEOST POECILIA  
FORMOSA  
AMER NATUR  
102(928)555-558, 1 FIG
- 801689 BIRD, NANCY THORNTON - 1968  
EFFECTS OF MATING ON SUBSEQUENT DEVELOPMENT OF  
A PARASITIC COPEPOD  
J PARASITOL  
54(6)1194-1196
- 801690 DAILEY, MURRAY D; MUDRY, DWIGHT R - 1968  
TWO NEW SPECIES OF CESTODA FROM CALIFORNIA RAYS  
J PARASITOL  
54(6)1141-1143, 7 FIGS, 1 TABLE
- 801691 OSBORNE, P J; SHOTTON, F W - 1968  
THE FAUNA OF THE CHANNEL DEPOSIT OF EARLY  
SAALIAN AGE AT BRANDON, WARWICKSHIRE  
PHIL TRANS ROY SOC LONDON SER B BIOL SCI  
254(796)417-424, 6 FIGS

- 801692 MAY, A W - 1968  
BIOLOGICAL DATA ON COD FROM THE SUMMER FISHERY  
ON THE NORTH SHORE, STRAIT OF BELLE ISLE  
FISH RES BOARD CAN TECH REP  
(27)1-21, 11 FIGS, 2 TABLES
- 801693 THOMAS, M L H; WHITE, G N - 1968  
A PRE-FERTILIZATION BENTHIC SURVEY OF OSTREA  
LAKE, N S  
FISH RES BOARD CAN TECH REP  
(76)1-24, 1 FIG, 5 TABLES
- 801694 MURRAY, A R - 1968  
NUMBERS OF ATLANTIC SALMON AND BROOK TROUT  
CAPTURED AND MARKED AT THE LITTLE CODROY RIVER,  
NEWFOUNDLAND, COUNTING FENCE AND AUXILIARY  
TRAPS, 1954-1963  
FISH RES BOARD CAN TECH REP  
(84)II + 1-135, 2 FIGS, 175 TABLES
- 801695 MURRAY, A R - 1968  
A COUNTING FENCE OF NETTING FOR ATLANTIC SALMON  
IN THE ESTUARY OF THE LITTLE CODROY RIVER,  
NEWFOUNDLAND  
FISH RES BOARD CAN TECH REP  
(38)1-19, 9 FIGS, 3 TABLES
- 801696 RONALD, K; WILSON, K A - 1968  
A CHECK LIST OF THE PARASITES OF THE ORDER  
PETROMYZONTIFORMES (LAMPREYS)  
FISH RES BOARD CAN TECH REP  
(48)1-23
- 801697 COLLIN, JEAN-PIERRE - 1968  
L'EPIITHELIUM SENSORIEL DE L'ORGANE PINEAL DE LA  
LARVE AGEE ET DE L'ADULTE DE LAMPETRA PLANERI  
C R HEBD SEANCES ACAD SCI PARIS  
267(21)SER D, 1768-1771, 7 FIGS
- 801698 RAJBANSHI, V K; TEWARI, H B - 1968  
STUDIES ON THE DISTRIBUTION OF ALKALINE AND  
ACID PHOSPHATASES IN THE SKIN OF THE HEAD  
REGION OF SACCOBRANCHUS FOSSILIS  
BIOL ZENTRALBL  
87(4)419-424, 4 FIGS
- 801699 BOGGS, NATHANIEL JR; MYERS, JOSEPH E - 1968  
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CATFISH  
VA J SCI  
19(3)175
- 801700 DALRYMPLE, BYRON - 1968  
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- 801701 NETBOY, ANTHONY - 1968  
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- 801702 ZEPKIN, E A - 1968  
THE COMMERCIAL ICHTHYOFAUNA OF THE NARVA  
NEOLITHIC ENCAMPMENTS  
BYULL MOSK OBSHCHEST ISPYT PRIR OTD BIOL  
73(5)123-129, 6 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 801703 CAMP, C L; ALLISON, H J; NICHOLS, R H;  
MCGINNIS, H - 1968  
BIBLIOGRAPHY OF FOSSIL VERTEBRATES 1959-1963  
MEM GEOL SOC AMER  
(117)XLII + 644P
- 801704 WOODLING, BRUCE ARTHUR - 1968  
THE MYSTERIOUS, DANCING GRUNION  
SEA FRONTIERS  
14(3)130-137, 4 FIGS
- 801705 PERRIN, WILLIAM F - 1968
- THE PORPOISE AND THE TUNA  
SEA FRONTIERS  
14(3)166-174, 7 FIGS
- 801706 ODUM, WILLIAM E - 1968  
PESTICIDE POLLUTION IN ESTUARIES  
SEA FRONTIERS  
14(4)234-245, 7 FIGS
- 801707 CHURCH, R E (RON) - 1968  
BROADBILL SWORDFISH IN DEEP WATER  
SEA FRONTIERS  
14(4)246-249, 4 FIGS
- 801708 HUNTER, JOHN R - 1968  
FISHES BENEATH FLOTSAM  
SEA FRONTIERS  
14(5)280-288, 5 FIGS
- 801709 LIVINGSTON, ROBERT J - 1968  
LIVING RHYTHMS OF THE SEA  
SEA FRONTIERS  
14(5)290-299, 6 FIGS
- 801710 ALBRECHT, HELMUT - 1968  
THE REEF AT THE DOORSTEPS  
SEA FRONTIERS  
14(5)300-307, 4 FIGS
- 801711 ANONYMOUS - 1968  
PATRIARCHAL PARGO  
SEA FRONTIERS  
14(6)331, 1 FIG
- 801712 JOYCE, EDWIN A JR - 1968  
PROJECT HOURGLASS EXPLORES THE CONTINENTAL  
SHELF  
SEA FRONTIERS  
14(6)352-359, 8 FIGS
- 801713 WALKER, BRAZ - 1968  
THE REDSTRIPED SNAKEHEAD  
AQUARIUM  
1(11)6-7, 44-49, 7 FIGS
- 801714 TOMEY, WILLIAM A - 1968  
THE FIRST DAYS IN THE LIFE OF CORYDORAS  
PALEATUS  
AQUARIUM  
1(11)8-14, 11 FIGS
- 801715 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART  
10  
AQUARIUM  
1(11)34-35, 50-57, 8 FIGS
- 801716 WALKER, BRAZ - 1968  
THE TRICOLOR OR BALA 'SHARK'  
AQUARIUM  
1(12)4-5, 37-39, 6 FIGS
- 801717 KLEE, ALBERT J - 1968  
ANABLEPS, THE FOUR-EYED FISH  
AQUARIUM  
1(12)6-7, 42-48, 10 FIGS
- 801718 GOLDSTEIN, ROBERT J - 1968  
THE PERUVIAN LONGFIN  
AQUARIUM  
1(12)28, 74-78, 5 FIGS
- 801719 KLEE, ALBERT J - 1968  
A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART  
II  
AQUARIUM  
1(12)30-31 + 50 + 52-54, 4 FIGS

801720 - 801746	801720	CONNELLY, HARRIET - 1968 THE PIKE LIVEBEARER AQUARIUM 2(1)4-5 + 46-50, 4 FIGS		THE AGONISTIC BEHAVIOUR OF JUVENILE BLENNIUS PHOLIS L (TELEOSTEI) BEHAVIOUR 30(2/3)192-217, 8 FIGS, 4 TABLES
	801721	TORRES, GEORGE - 1968 THE GOLDEN CELLOPHANE BETTA AQUARIUM 2(1)6-7 + 43-45, 4 FIGS	801735	BEUKEMA, J J - 1968 PREDATION BY THE THREE-SPINED STICKLEBACK (GASTEROSTEUS ACULEATUS L): THE INFLUENCE OF HUNGER AND EXPERIENCE BEHAVIOUR 31(1/2)1-26, 27 FIGS, 13 TABLES
	801722	CURRIER, JERRY; SMITH, MARTY - 1968 A SHORT DISCUSSION ON CHEMISTRY AQUARIUM 2(1)18-20 + 59, 1 FIG	801736	KOSTENKO, S M; PASHKEVICHUTE, A S - 1968 THE DISCOVERY OF HYPERPARASITIC INFUSORIA TRICHODINA STRELKOVI ON MONOGENETIC FLUKES DOPOV AKAD NAUK UKR RSR SER B (12)1124-1126, 2 FIGS, 1 TABLE IN RUSSIAN
	801723	KLEE, ALBERT J - 1968 A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 12 AQUARIUM 2(1)32-33 + 52-58, 9 FIGS	801737	SUNDARARAJ, BANGALORE I; GOSWAMI, SHASHI V 1968 EFFECTS OF ESTROGEN, PROGESTERONE, AND TESTOSTERONE ON THE PITUITARY AND OVARY OF CATFISH, HETEROPNEUSTES FOSSILIS (BLOCH) J EXP ZOO 169(2)211-228, 21 FIGS, 3 TABLES
	801724	DAVIDSON, ABBEY - 1968 A SPAWNING ATTEMPT AT BLUE BOTIA AQUARIUM 2(1)36-37 + 75-78, 6 FIGS	801738	EMMART, E W; WILHELMI, A E - 1968 IMMUNOCHEMICAL STUDIES WITH PROLACTIN-LIKE FRACTIONS OF FISH PITUITARIES GEN COMP ENDOCRINOL 11(3)515-527, 5 FIGS, 1 TABLE
	801725	TOMEY, WILLIAM A - 1968 THE THICKLIPPED GOURAMI AQUARIUM 2(2)4-5 + 39-42, 9 FIGS	801739	EDDY, JEAN M P; STRAHAN, RONALD - 1968 THE ROLE OF THE PINEAL COMPLEX IN THE PIGMENTARY EFFECTOR SYSTEM OF THE LAMPREYS, MORDACIA MORDAX (RICHARDSON) AND GEOTRIA AUSTRALIS GRAY GEN COMP ENDOCRINOL 11(3)528-534, 3 FIGS, 1 TABLE
	801726	CHHAPGAR, B F - 1968 BREEDING THE REDTAILED SHARK AQUARIUM 2(2)6-7 + 43-45, 5 FIGS	801740	ACHER, R J; CHAUVET, J; CHAUVET, M T; CREPY, D 1968 MOLECULAR EVOLUTION OF NEUROHYPOPHYSIAL HORMONES, COMPARISON OF THE ACTIVE PRINCIPLES OF THREE BONY FISHES GEN COMP ENDOCRINOL 11(3)535-538, 3 TABLES
	801727	TOMEY, WILLIAM A - 1968 THE FIRETAIL RIVULUS AQUARIUM 2(2)10-15, 13 FIGS	801741	DONALDSON, EDWARD M; FAGERLUND, ULF H - 1968 CHANGES IN THE CORTISOL DYNAMICS OF SOCKEYE SALMON (ONCORHYNCHUS NERKA) RESULTING FROM SEXUAL MATURATION GEN COMP ENDOCRINOL 11(3) 552-561, 4 FIGS, 3 TABLES
	801728	KLEE, ALBERT J - 1968 A HISTORY OF THE AQUARIUM HOBBY IN AMERICA PART 13 AQUARIUM 2(2)32-33 + 49-50 + 52-57, 8 FIGS	801742	EMMART, E W; BATES, R W - 1968 THE USE OF IMMUNOCHEMICAL BINDING AND SEPHADEX FILTRATION IN PROCEDURES TOWARD THE PURIFICATION OF OVINE AND PISCINE 'PROLACTIN' GEN COMP ENDOCRINOL 11(3)580-594, 9 FIGS, 3 TABLES
	801729	TOMEY, WILLIAM A - 1968 APISTOGRAMMA WICKLERI AQUARIUM 2(2)34-38, 5 FIGS	801743	BLUM, VOLKER - 1968 IMMUNOLOGICAL DETERMINATION OF INJECTED MAMMALIAN PROLACTIN IN CICHLID FISHES GEN COMP ENDOCRINOL 11(3)595-602, 5 FIGS
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(62)1-41, 4 FIGS, 4 TABLES
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(56)1-85, 2 FIGS, 36 TABLES
- 801808** LEBEDEV, B I - 1968  
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**ANCYROCEPHALINAE) IN THE DIGESTIVE TRACT OF**  
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(4)38-41, 1 FIG  
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- 801809** KOMAROVA, T I - 1968  
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(4)80-82, 1 FIG  
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- 801810** CHEEK, RANDALL P - 1968  
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- 801814** SEDALLIAN, A - 1968  
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- 801816** PAPERNA, ILAN - 1968  
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- 801817** KANNO, SAKARI - 1968  
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**APPARENT ABUNDANCE IN THE FISHERY FOR SKIPJACK**  
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- 801820** HUTTON, KENNETH E - 1968  
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- 801822** RIVAS, LUIS R; WARLEN, STANLEY M - 1968  
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- 801823** SKUD, BERNARD E - 1968  
**RESPONSES OF MARINE ORGANISMS DURING THE SOLAR**  
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THE INFLUENCE OF STRESS  
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J MAR BIOL ASS INDIA  
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THE MACKEREL TUNA EUTHYNNUS AFFINIS AFFINIS  
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9(1)147-163, 20 FIGS
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URASPIS HELVOLA (FORSTER) IN THE BAY OF BENGAL  
J MAR BIOL ASS INDIA  
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- 801936 TALWAR, P K; SEN, T K - 1968  
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AND OSTORHYNCHUS ENDEKATAENIA (BLEEKER) FROM  
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- 801942 JULIANO, ROGELIO O - 1968  
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SOME LAGUNA DE BAY FISHES  
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DEVELOPPEMENT DES ALOSAE DANS LE COMPLEXE  
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L'EFFORT MUSCULAIRE CHEZ LE CHINCHARD  
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PARASITES DE TELEOSTEENS DU GOLFE DU LION,  
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- 802032** MIKHAILOV, S V - 1968  
THE WORLD OCEAN AND ITS FUTURE  
PRIRODA (MOSKVA)  
(6)24-31, 10 FIGS  
IN RUSSIAN
- 802033** NIKOLSKY, G V; VERIGIN, B V; MAKEYEVA, A N;  
POPOVA, G V; SOIN, S G - 1968  
THE STUDIES OF FISHES FEEDING VEGETATION AND  
INCLUSION THEM INTO THE PRACTICE OF FISHERIES  
AND MELIORATION OF WATER RESERVOIRS  
VESTN MOSK UNIV SER VI BIOL POCHVOVED  
(2)24-31, 1 FIG, 1 TABLE  
IN RUSSIAN
- 802034** CORJUNOVA, S V - 1968  
BLUE-GREEN ALGAE AS PRODUCERS OF TOXIC  
SUBSTANCES  
IZV AKAD NAUK SSSR SER BIOL  
(5)683-690, 1 TABLE  
IN RUSSIAN WITH ENGLISH SUMMARY
- 802035** LUKJANENKO, V I; SUKACHEVA, G A; POPOV, A V  
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EXPERIMENTAL STUDY OF IMMUNIZATION IN FISH  
THROUGH APPLYING SERUMAL ANTIGENE WITH AN  
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IZV AKAD NAUK SSSR SER BIOL  
(5)761-763, 1 TABLE  
IN RUSSIAN WITH ENGLISH SUMMARY
- 802036** DMITRENKO, E M - 1968  
SILUROIDEI FROM THE NORTH-WEST PART OF THE  
INDIAN OCEAN  
VESTN ZOOL  
(6)65-83, 7 FIGS  
IN RUSSIAN WITH ENGLISH SUMMARY
- 802037** KUL' MINSKAYA, A S; BEZRUCHKO, S M; GAZARJAN, K  
G - 1968  
DNA, RNA AND PROTEIN SYNTHESIS IN THE COURSE OF  
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SOME VERTEBRATES  
TZITOLOGIIA  
10(10)1257-1268, 6 FIGS, 3 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 802038** VANIAKINA, E D - 1968  
THE EFFECT OF ETHYNYL-ESTRADIOL UPON THE  
PROCESS OF SEX-DIFFERENTIATION IN MACROPODS  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
181(4/5/6)1506-1509, 2 FIGS, 3 TABLES  
IN RUSSIAN
- 802039** BARSUKOV, V V - 1968  
ON THE SYSTEMIC RATIOS OF SEBASTES NOVEGICUS OF  
THE GENUS SEBASTES IN THE NORTH-WESTERN PART OF  
THE ATLANTIC  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
183(1/2/3)479-482, 2 FIGS  
IN RUSSIAN
- 802040** KOSTOMAROVA, A A; IGNATIEVA, G M - 1968  
CORRELATION BETWEEN THE PROCESSES OF KARIO-AND  
CYTOTOLOGY AT THE PERIOD OF SYNCHRONOUS CLEAVAGE  
DIVISIONS IN MISGURNUS FOSSILIS L  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
183(1/2/3)490-492, 1 TABLE  
IN RUSSIAN
- 802041** PESHKOV, M A; TIKHOMIROVA, L A - 1968  
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APPARATUS OF THE PARASITIC INFUSORIOUS  
ICHTHYOPHTHIRIUS MULTIFILIIS  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
183(1/2/3)697-699, 3 FIGS  
IN RUSSIAN
- 802042** ABRAMOVA, N B - 1968  
ISOLATION OF MITCHONDRIA AND YOLK STRUCTURES  
FROM DEVELOPING FISH EMBRYOS  
TZITOLOGIIA  
10(4)481-486, 3 FIGS, 3 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 802043** MURAVLEVA, R E - 1968  
THE FEEDING OF GRASS CARP--CTENOPHARYNGODON  
IDELLA (VAL) AT THE EARLY STAGES OF DEVELOPMENT  
IZV AKAD NAUK TURKM SSR SER BIOL NAUK  
(3)67-75, 2 FIGS, 2 TABLES  
IN RUSSIAN
- 802044** BEKKER, V E - 1968  
ZOOLOGICAL INVESTIGATIONS OF THE EXPEDITION OF  
THE BAIKAL SHIP IN THE NORTHERN AND EASTERN  
PARTS OF THE PACIFIC OCEAN  
ZOOL ZH  
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- 802045 ATAKULIEV, A - 1968  
THE FEEDING OF THE 'ZHEREKH' *ASPIUS ASPIUS*  
*TAENIATUS* (EICHWALD) IN LAKES OF THE KELIPH  
UZBOI  
IZV AKAD NAUK TURKM SSR SER BIOL NAUK  
(1)63-72, 6 TABLES  
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- 802046 KHALILOV, A R - 1968  
TOWARDS THE FEEDING OF SOME FISH OF  
VARVARINSKII RESERVOIR  
IZV AKAD NAUK AZERB SSR SER BIOL NAUK  
(1)69-73  
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- 802047 BOROVNIK, E A - 1968  
ON SOME ANOMALIES IN THE SHAPE OF THE BODY OF  
RAINBOW TROUT  
VESTSI AKAD NAVUK BELARUS SSR SER  
BIYALAGICHNYKH NAVUK  
(2)120-121, 1 FIG  
IN RUSSIAN
- 802048 NEVIADOMSKAIA, P S; GLADKII, G V; ORLOVSKII, A  
F - 1968  
A CHARACTERIZATION OF THE POPULATION OF YOUNG  
FISH IN THE LITTORAL ZONE OF LAKE MAROCH  
VESTSI AKAD NAVUK BELARUS SSR SER  
BIYALAGICHNYKH NAVUK  
(5)131-133, 2 FIGS, 1 TABLE  
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- 802049 RASHEED, SURAIYA - 1968  
THE NEMATODES OF THE GENUS *CUCULLANUS* MUELLER,  
1777, FROM THE MARINE FISH OF KARACHI COAST  
AN ESC NAC CIENC BIOL MEX  
15(1/4)23-59, 53 FIGS, 6 TABLES
- 802050 CORTES, M T - 1968  
CONSIDERACIONES SOBRE EL GENERO *NOTROPIS* Y  
DESCRIPCION DE UNA ESPECIE NUEVA, PROCEDENTE  
DEL RIO ATOYAC, EN JUCHATONGO, OAX, MEXICO  
AN ESC NAC CIENC BIOL MEX  
15(1/4)185-192, 2 TABLES  
IN SPANISH WITH ENGLISH SUMMARY
- 802051 FOWLER, HENRY W - 1968  
A CATALOG OF WORLD FISHES (VIII)  
QUART J TAIWAN MUS TAIPEH  
21(1/2)53-78
- 802052 MERRETT, N R - 1968  
TUNA LONGLINE SURVEY IN THE EQUATORIAL WESTERN  
INDIAN OCEAN  
EAST AFR AGR FOREST J  
34(1)17-65, 25 FIGS, 15 TABLES
- 802053 ALBUQUERQUE, J JACKSON L;  
BEZERRA, ROBERTO CLAUDIO F - 1968  
SOBRE A AMOSTRAGEM DA CAVALA E DA SERRA NO  
CEARA (PISCES)  
REV BRASIL BIOL  
28(2)141-145  
WITH ENGLISH SUMMARY
- 802054 GLOVER, C J M - 1968  
FURTHER ADDITIONS TO THE FISH FAUNA OF SOUTH  
AUSTRALIA  
REC S AUST MUS ADELAIDE  
15(4)791-794, 3 FIGS
- 802055 MILES, ROGER S - 1968  
THE OLD RED SANDSTONE ANTIARCHS OF SCOTLAND,  
FAMILY *BOTHRIOLEPIDIDAE*  
PALAEONTOGR SOC (MONOGR)  
122(522)120P, 338 FIGS, 2 TABLES
- 802056 DINELEY, D L - 1968  
OSTEOSTRACI FROM SOMERSET ISLAND  
BULL GEOL SURV CANADA  
(165)47-63, 13 FIGS
- 802057 JESSEN, HANS - 1968
- A DEVONIAN *OSTEOLEPIDID* FISH FROM BRITISH  
COLUMBIA  
BULL GEOL SURV CANADA  
(165)65-70, 1 FIG
- 802058 BIRDSONG, RAY S - 1968  
*MICROGOBIUS CROCATUS*, A NEW GOBIID FISH FROM  
PACIFIC PANAMA  
PROC BIOL SOC WASH  
81(23)191-196, 2 FIGS, 1 TABLE
- 802059 SAW, PETER - 1968  
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AFRICANA  
3(8)11-13, 5 FIGS
- 802060 NAFFAKTITIS, BASIL G - 1968  
TAXONOMY AND DISTRIBUTION OF THE LANTERNFISHES,  
GENERA *LOBIANCHIA* AND *DIAPHUS*, IN THE NORTH  
ATLANTIC  
DANA REP CARLSBERG FOUND  
(73)136P, 71 FIGS, 24 TABLES
- 802061 MATTHEIJ, J A M - 1968  
THE ACTH CELLS IN THE ADENOHYPOPHYSIS OF THE  
MEXICAN CAVE FISH *ANOPICTHYS JORDANI*, AS  
IDENTIFIED BY METOPIRONE (SU 4885) TREATMENT  
Z ZELLFORSCH  
92(4)588-595, 2 FIGS, 1 TABLE
- 802062 SRIVASTAVA, C B L; SRIVASTAVA, M D L - 1968  
LATERAL-LINE ORGANS IN SOME TELEOSTS, *CIRRHINA*  
*MIRGALA HAM BUCH* (CYPRINIDAE), *OPHICEPHALUS*  
(CHANNA) *PUNCTATUS BLOCH* (CHANNIDAE) AND *GOBIUS*  
*STRIATUS DAY* (GOBIIDAE)  
J COMP NEUROL  
134(3)339-351, 12 FIGS
- 802063 NOBLE, RICHARD LEE - 1968  
MORTALITY RATES OF PELAGIC FRY OF THE YELLOW  
PERCH, *PERCA FLAVESCENS* (MITCHILL), IN ONEIDA  
LAKE, NEW YORK, AND AN ANALYSIS OF THE SAMPLING  
PROBLEM  
DISS ABSTR  
29(6)1892-B
- 802064 BENDER, MICHAEL EARL - 1968  
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DISS ABSTR  
29(6)2236-B--2237-B
- 802065 HOEDE, EDWARD DONALD - 1968  
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ABUNDANCE TO DISTRIBUTION OF LARVAL WALLEYES,  
*STIZOSTEDION VITREUM VITREUM*, IN ONEIDA LAKE,  
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29(6)2240-B--2241-B
- 802066 PHILLIPS, GARY L - 1968  
CHROMOSOMES *ERYTHROGASTER* AND *C.EOS*  
(*OSTEICHTHYES*, CYPRINIDAE), TAXONOMY,  
DISTRIBUTION, ECOLOGY  
DISS ABSTR  
29(6)2244-B
- 802067 SALE, PETER F - 1968  
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THE JUVENILE *MANINI*, *ACANTHURUS TRIOSTEGUS*  
*SANDVICENSIS*  
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- 802068 WEST, JERRY LEE - 1968  
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INTERGENERIC CENTRARCHID HYBRIDS  
DISS ABSTR  
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- 802069 BLACKBURN, ROBERT D - 1968  
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FAO (FOOD AGR ORGAN UN) FISH REP  
44(5)1-17, 2 TABLES

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	802071	PHILIPOSE, M T - 1968 PRESENT TRENDS IN THE CONTROL OF WEEDS IN FISH CULTURAL WATERS OF ASIA AND THE FAR EAST FAO (FOOD AGR ORGAN U N) FISH REP 44(5)26-52	802084	VINOGRADOV, V K - 1968 TECHNIQUES OF REARING PHYTOPHAGOUS FISHES FAO (FOOD AGR ORGAN U N) FISH REP 44(5)227-232	
	802072	VAN DER LINGEN, M I - 1968 CONTROL OF POND WEEDS FAO (FOOD AGR ORGAN U N) FISH REP 44(5)53-60	802085	MINTS, A G; KHAIRULINA, E N - 1968 INTENSIVE FORMS OF REARING FISH IN PONDS IN PEAT-HAGS FAO (FOOD AGR ORGAN U N) FISH REP 44(5)233-243, 3 TABLES	
	802073	TIMMERMANS, J A - 1968 LE CONTROLE DE LA VEGETATION AQUATIQUE DANS LES ETANGS D'ELEVAGE (EUROPE) FAO (FOOD AGR ORGAN U N) FISH REP 44(5)61-75	802086	FISHELSON, LEV; POPPER, DAN - 1968 EXPERIMENTS ON REARING FISH IN SALT WATERS NEAR THE DEAD SEA, ISRAEL FAO (FOOD AGR ORGAN U N) FISH REP 44(5)244-245, 1 TABLE	
	802074	LAWRENCE, J M - 1968 AQUATIC WEED CONTROL IN FISH PONDS FAO (FOOD AGR ORGAN U N) FISH REP 44(5)76-91, 21 TABLES	802087	TREWAVAS, ETHELWYNN - 1968 THE NAME AND NATURAL DISTRIBUTION OF THE 'TILAPIA FROM ZANZIBAR' (PISCES, CICHLIDAE) FAO (FOOD AGR ORGAN U N) FISH REP 44(5)246-254, 1 TABLE	
	802075	RAMACHANDRAN, V; RAMAPRABHU, T - 1968 INVESTIGATIONS ON AQUATIC WEED CONTROL WITH SPECIAL REFERENCE TO THE USE OF CHEMICALS FAO (FOOD AGR ORGAN U N) FISH REP 44(5)92-108, 7 FIGS	802088	EL ZARKA, SALAH EL DIN; FAHMY, FAHMY K - 1968 EXPERIMENTS IN THE CULTURE OF THE GREY MULLET, MUGIL CEPHALUS IN BRACKISH-WATER PONDS IN THE UAR FAO (FOOD AGR ORGAN U N) FISH REP 44(5)255-266, 4 FIGS, 4 TABLES	
	802076	AVAVULT, JAMES W JR; SMITHERMAN, R O; SHELL, E W 1968 EVALUATION OF EIGHT SPECIES OF FISH FOR AQUATIC WEED CONTROL FAO (FOOD AGR ORGAN U N) FISH REP 44(5)109-122	802089	TOMASEC, I - 1968 MALADIE DES POISSONS DANS LES ETANGS A TEMPERATURE ELEVEE EN EUROPE FAO (FOOD AGR ORGAN U N) FISH REP 44(5)267-277	
	802077	KURONUMA, K - 1968 NEW SYSTEMS AND NEW FISHES FOR CULTURE IN THE FAR EAST FAO (FOOD AGR ORGAN U N) FISH REP 44(5)123-142, 7 TABLES	802090	SARIG, S - 1968 A REVIEW OF DISEASES AND PARASITES OF FISHES IN WARM-WATER PONDS IN THE NEAR EAST AND AFRICA FAO (FOOD AGR ORGAN U N) FISH REP 44(5)278-289, 1 TABLE	
	802078	FIELDING, JAMES R - 1968 NEW SYSTEMS AND NEW FISHES FOR CULTURE IN THE UNITED STATES FAO (FOOD AGR ORGAN U N) FISH REP 44(5)143-161, 3 TABLES	802091	MEYER, FRED P - 1968 A REVIEW OF THE PARASITES AND DISEASES OF FISHES IN WARM-WATER PONDS IN NORTH AMERICA FAO (FOOD AGR ORGAN U N) FISH REP 44(5)290-318, 1 TABLE	
	802079	WOYNAROVICH, ELEK - 1968 NEW SYSTEMS AND NEW FISHES FOR CULTURE IN EUROPE FAO (FOOD AGR ORGAN U N) FISH REP 44(5)162-181, 2 TABLES	802092	GOPALAKRISHNAN, V - 1968 DISEASES AND PARASITES OF FISHES IN WARM-WATER PONDS IN ASIA AND THE FAR EAST FAO (FOOD AGR ORGAN U N) FISH REP 44(5)319-343	
	802080	LEMASSON, J; BARD, J - 1968 NOUVEAUX POISSONS ET NOUVEAUX SYSTEMES POUR LA PISCICULTURE EN AFRIQUE FAO (FOOD AGR ORGAN U N) FISH REP 44(5)182-195, 2 FIGS	802093	BAUER, O N - 1968 CONTROL OF CARP DISEASES IN THE USSR FAO (FOOD AGR ORGAN U N) FISH REP 44(5)344-352	
	802081	SIDTHIMUNKA, A; SANGLERT, J; PAWAPOOTANON, O 1968 THE CULTURE OF CATFISH (CLARIAS SPP) IN THAILAND FAO (FOOD AGR ORGAN U N) FISH REP 44(5)196-204, 5 FIGS	802094	MUSSELIUS, V A; STRELKOV, J A - 1968 PARASITES AND DISEASES OF THE GRASS AND SILVER CARPS IN FISH FARMS OF THE USSR FAO (FOOD AGR ORGAN U N) FISH REP 44(5)353-360, 3 TABLES	
	802082	LAVROVSKY, V V - 1968 RAISING OF RAINBOW TROUT (SALMO GAIARDNERI) TOGETHER WITH CARP (CYPRINUS CARPIO) AND OTHER FISHES FAO (FOOD AGR ORGAN U N) FISH REP 44(5)213-217	802095	RYCHLICKI, ZBIGNIEW - 1968 ERADICATION OF ICHTHYOPHTHIRIUS MULTIFILIIS IN CARP FAO (FOOD AGR ORGAN U N) FISH REP 44(5)361-364	
	802083	GRIBANOV, L V; KORNEEV, A N; KORNEEVA, L A 1968 USE OF THERMAL WATERS FOR COMMERCIAL PRODUCTION	802096	HLOND, STEFAN - 1968 EXPERIMENTS IN VITRO CULTURE OF ICHTHYOPHTHIRIUS MULTIFILIIS FAO (FOOD AGR ORGAN U N) FISH REP 44(5)365-368, 1 TABLE	

802097	MARKIEWICZ, FRANCISZEK S - 1968 INFECTIOUS SWIM BLADDER DISEASE OF THE COMMON CARP FAO (FOOD AGR ORGAN U N) FISH REP 44(5)369-371, 4 FIGS	802110	FUJII, TAKEJI; YAMAMOTO, SHOICHI; MASUDA, KIYOSHI; KOBAYASHI, GENJI; NISHIYAMA, TSUNEO - 1968 INFERENCE ON DIRECTION OF MOVEMENT OF PACIFIC SALMON IN THE BERING SEA FROM THE RELATIONSHIP BETWEEN THE DIRECTION OF GILLNET SET AND THE AMOUNT OF THE CATCH BULL FAC FISH HOKKAIDO UNIV 18(4)306-316, 10 FIGS, 1 TABLE IN JAPANESE WITH ENGLISH SUMMARY	802097 - 802122
802098	BORY-MIACZYNSKI, TADEUSZ - 1968 INFECTIOUS GILL NECROSIS OF CARP FAO (FOOD AGR ORGAN U N) FISH REP 44(5)372-376, 8 FIGS, 2 TABLES			
802099	GRABDA, JADWIGA; GRABDA, EUGENIUSZ - 1968 AN ATTEMPT TO CONTROL DACTYLOGYROSIS OF CARP WITH NEGVUVON FAO (FOOD AGR ORGAN U N) FISH REP 44(5)377-379	802111	TAKAGI, MITSUZO - 1968 FUNDAMENTAL STUDIES ON FOOD POISONING CAUSED BY SEA FOODS, I, ON THE FATE OF HISTAMINE CONTENTS DURING THE DRYING OF FISH MEAT BULL FAC FISH HOKKAIDO UNIV 18(4)385-391, 4 FIGS, 3 TABLES	
802100	SMITHERMAN, R O - 1968 EFFECT OF THE STRIGEID TREMATODE, POSTHODIPISTOMUM MINIMUM, UPON GROWTH AND MORTALITY OF BLUEGILL, LEPOMIS MACROCHIRUS FAO (FOOD AGR ORGAN U N) FISH REP 44(5)380-388, 1 FIG	802112	EBERHARDT, L L - 1968 AN APPROXIMATION TO A MULTIPLE-COMPARISON TEST COPEIA 1968 (2)314-319, 5 FIGS	
802101	ALLISON, RAY - 1968 NEW CONTROL METHODS FOR ICHTHYOPHTHIRIUS IN PONDS FAO (FOOD AGR ORGAN U N) FISH REP 44(5)389-392	802113	KATO, SUSUMU - 1968 TRIAKIS ACUTIPINNA (GALEOIDEA, TRIAKIDAE), A NEW SPECIES OF SHARK FROM ECUADOR COPEIA 1968 (2)319-325, 2 FIGS	
802102	ROGERS, WILMER A - 1968 THE BIOLOGY AND CONTROL OF THE ANCHOR WORM, LERNAEA CYPRINACEA FAO (FOOD AGR ORGAN U N) FISH REP 44(5)393-398, 2 TABLES	802114	NELSON, JOSEPH S - 1968 DEEP-WATER NINESPINE STICKLEBACKS, PUNGITIUS PUNGITIUS, IN THE MISSISSIPPI DRAINAGE, CROOKED LAKE, INDIANA COPEIA 1968 (2)326-334, 6 FIGS, 1 TABLE	
802103	CAROTHERS, JOHN L; ALLISON, RAY - 1968 CONTROL OF SNAILS BY THE REDEAR (SHELLCRACKER) SUNFISH FAO (FOOD AGR ORGAN U N) FISH REP 44(5)399-406, 3 TABLES	802115	WILLIAMS, JAMES D - 1968 A NEW SPECIES OF SCULPIN, COTTUS PYGMAEUS, FROM A SPRING IN THE ALABAMA RIVER BASIN COPEIA 1968 (2)334-342, 1 FIG, 4 TABLES	
802104	SWINGLE, H S - 1968 FISH KILLS CAUSED BY PHYTOPLANKTON BLOOMS AND THEIR PREVENTION FAO (FOOD AGR ORGAN U N) FISH REP 44(5)407-411	802116	SMITH, J L B - 1968 A NEW LABRID FISH FROM DEEP WATER OF MOZAMBIQUE COPEIA 1968 (2)343-345, 2 FIGS	
802105	LEWIS, WILLIAM M; VANDERHORST, RICHARD - 1968 FACTORS AFFECTING FOOD INTAKE BY THE SHORTRNOSE GAR TRANS ILL STATE ACAD SCI 61(4)376-381, 5 TABLES	802117	TSAI, CHU-FA - 1968 VARIATION AND DISTRIBUTION OF THE ROCK DARTER, ETHEOSTOMA RUPESTRE COPEIA 1968 (2)346-353, 4 FIGS, 1 TABLE	
802106	WOODS, C S - 1968 VARIATION AND TAXONOMIC CHANGES IN THE FAMILY RETROPINNIDAE (SALMONOIDEA) N Z J MAR FRESHWATER RES 2(3)398-425, 12 FIGS, 4 TABLES	802118	DARNELL, REZNEAT M; ABRAMOFF, PETER - 1968 DISTRIBUTION OF THE GYNOGENETIC FISH, POECILIA FORMOSA, WITH REMARKS ON THE EVOLUTION OF THE SPECIES COPEIA 1968 (2)354-361, 1 FIG	
802107	SMITH, JIM ROSS; PUGH, JOHN R; MONAN, GERALD E - 1968 HORIZONTAL AND VERTICAL DISTRIBUTION OF JUVENILE SALMONIDS IN UPPER MAYFIELD RESERVOIR, WASHINGTON U S FISH WILDLIFE SERV SPEC SCI REP FISH (566)11P, 6 FIGS, 6 TABLES	802119	YERGER, RALPH W; RELYEA, KENNETH - 1968 THE FLAT-HEADED BULLHEADS (PISCES, ICTALURIDAE) OF THE SOUTHEASTERN UNITED STATES, AND A NEW SPECIES OF ICTALURUS FROM THE GULF COAST COPEIA 1968 (2)361-384, 6 FIGS, 6 TABLES	
802108	KYUSHIN, KENICHIRO - 1968 THE EMBRYONIC DEVELOPMENT AND LARVAL STAGES OF HEMITRIPTERUS VILLOSUM (PALLAS) BULL FAC FISH HOKKAIDO UNIV 18(4)277-289, 21 FIGS, 5 TABLES	802120	COHEN, DANIEL M - 1968 THE CYCLOPTERID GENUS PARALIPARIS, A SENIOR SYNONYM OF GYMNOLOCODES AND EUTELICHTHYS, WITH THE DESCRIPTION OF A NEW SPECIES FROM THE GULF OF MEXICO COPEIA 1968 (2)384-388, 1 FIG, 2 TABLES	
802109	NISHIYAMA, TSUNEO; FUJII, TAKEJI; YAMAMOTO, SHOICHI; MASUDA, KIYOSHI; KOBAYASHI, GENJI - 1968 CHUM SALMON POPULATION IN THE GULF OF ANADYR AND THE ADJACENT HIGH SEAS IN LATE JULY 1966 BULL FAC FISH HOKKAIDO UNIV 18(4)291-305, 2 FIGS, 10 TABLES	802121	MUIR, B S; KENDALL, JAMES I - 1968 STRUCTURAL MODIFICATIONS IN THE GILLS OF TUNAS AND SOME OTHER OCEANIC FISHES COPEIA 1968 (2)388-398, 8 FIGS	
		802122	PATTEN, BENJAMIN G - 1968 ABNORMAL FRESHWATER FISHES IN WASHINGTON	

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(2)399-401, 2 TABLES
- PHILIPPINE J SCI**  
95(4)411-423, 6 FIGS, 3 TABLES
- 802123** LAGIOS, MICHAEL D - 1968  
**THE PITUITARY GLAND OF THE PADDLEFISH, POLYODON SPATHULA**  
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(2)401-404, 1 FIG
- 802136** ANONYMOUS - 1968  
**SALMON PLANTINGS COMPLETED FOR 68**  
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37(3)27-28, 1 FIG
- 802124** TAYLOR, JOHN L; SALOMAN, CARL H - 1968  
**THE OARFISH, REGALECUS GLENE, A NEW OCCURRENCE AND PREVIOUS RECORDS FROM THE GULF OF MEXICO**  
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(2)404-405, 1 TABLE
- 802137** RAGIMOV, D B - 1968  
**THE BIOLOGY OF THE REPRODUCTION OF GOBIES NEAR THE WESTERN SHORES OF THE MIDDLE AND SOUTH CASPIAN**  
IZV AKAD NAUD AZERB SSR SER BIOL NAUK  
(2)51-58, 4 TABLES  
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- 802125** EDSALL, THOMAS A; SAXON, MARGARET I - 1968  
**TWO HERMAPHRODITIC ALEWIVES FROM LAKE MICHIGAN**  
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(2)406-407, 2 FIGS
- 802138** DRAGESUND, OLAV; HARALDSVIK, STEINAR - 1968  
**NORWEGIAN TAGGING EXPERIMENTS IN THE NORTH-EASTERN NORTH SEA AND SKAGERAK, 1964 AND 1965**  
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14(3)98-120, 3 FIGS, 17 TABLES
- 802126** ISHIYAMA, REIZO; HUBBS, CARL L - 1968  
**BATHYRAJA, A GENUS OF PACIFIC SKATES (RAJIDAE) REGARDED AS PHYLETICALLY DISTINCT FROM THE ATLANTIC GENUS BREVIRAJA**  
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(2)407-410, 2 FIGS
- 802139** MATHISEN, OLE A; OLSEN, STEINAR - 1968  
**YIELD ISOPLETHS OF THE HALIBUT, HIPPOGLOSSUS HIPPOGLOSSUS, IN NORTHERN NORWAY**  
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- 802127** CRANE, JULES M JR - 1968  
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(2)410-411
- 802140** NAEVDAL, GUNNAR - 1968  
**STUDIES ON HEMOGLOBINS AND SERUM PROTEINS IN SPRAT FROM NORWEGIAN WATERS**  
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14(3)160-182, 5 FIGS, 6 TABLES
- 802128** DELMONTE, PETER J; RUBINOFF, IRA; RUBINOFF, ROBERTA W - 1968  
**LABORATORY REARING THROUGH METAMORPHOSIS OF SOME PANAMANIAN GOBIES**  
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(2)411-412
- 802141** KRAMER, DAVID; AHLSTROM, ELBERT H - 1968  
**DISTRIBUTIONAL ATLAS OF FISH LARVAE IN THE CALIFORNIA CURRENT REGION, NORTHERN ANCHOVY, ENGRAULIS MORDAX GIRARD, 1951 THROUGH 1965**  
CALIF COOP OCEANIC FISH INVEST ATLAS  
(9) XII + 269P, 269 FIGS
- 802129** HERALD, EARL S - 1968  
**SIZE AND AGGRESSIVENESS OF THE SEVENGILL SHARK (NOTORYNCHUS MACULATUS)**  
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(2)412-414, 1 FIG
- 802142** GIBBS, ROBERT H JR - 1968  
**PHOTONECTES MUNIFICUS, A NEW SPECIES OF MELANOSTOMIATID FISH FROM THE SOUTH PACIFIC SUBTROPICAL CONVERGENCE, WITH REMARKS ON THE CONVERGENCE FAUNA**  
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(149)1-6, 1 FIG, 1 TABLE
- 802130** ESCHMEYER, WILLIAM N; BULLIS, HARVEY R JR - 1968  
**FOUR ADVANCED LARVAL SPECIMENS OF THE BLUE MARLIN, MAKAIRA NIGRICANS, FROM THE WESTERN ATLANTIC OCEAN**  
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(2)414-417, 1 TABLE
- 802143** RAITT, D F S - 1968  
**SYNOPSIS OF BIOLOGICAL DATA ON THE NORWAY POUT, TRISOPTERUS ESMARKII (NILSSON, 1855)**  
FAO(FOOD AGR ORGAN U N) FISH SYNOPSIS  
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- 802131** HARDEN JONES, F R - 1968  
**FISH MIGRATION**  
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- 802144** PROBST, KARL - 1968  
**DER KRETISCHE PAPAGEIFISCH, EIN BEITRAG ZUR BIOLOGIE UND VERBREITUNG EINES LEGENDAREN FISCHES**  
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- 802132** SOSINSKI, JOZEF - 1968  
**DISTRIBUTION OF MAUROLICUS MULLERI (GMELIN) IN THE NORTH SEA**  
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12(4)413-415, 2 FIGS, 1 TABLE  
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- 802145** WAGNER, HARRY H - 1968  
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23(4)3 + 6-7, 4 FIGS
- 802133** CERVIGON, FERNANDO - 1968  
**LOS PECES MARINOS DE VENEZUELA, COMPLEMENTO I**  
SOC CIENC NATUR LA SALLE MEM  
28(80)177-218, 22 FIGS, 5 TABLES
- 802146** MORAVEC, F - 1968  
**SPECIES OF THE GENUS RHABDOCHONA RAILLET, 1916 (NEMATODA, RHABDOCHONIDAE) FROM FISHES OF CZECHOSLOVAKIA**  
FOLIA PARASITOL  
15(1)29-40, 6 FIGS
- 802134** WING, ELIZABETH S; HOFFMAN, CHARLES A JR; RAY, CLAYTON E - 1968  
**VERTEBRATE REMAINS FROM INDIAN SITES ON ANTIGUA, WEST INDIES**  
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8(3/4)123-139, 4 FIGS, 4 TABLES
- 802147** MOLNAR, K - 1968  
**BOTHRIOCEPHALUS PHOXINI SP N (CESTODA, PSEUDOPHYLLIDAE) FROM PHOXINUS PHOXINUS L**  
FOLIA PARASITOL  
15(1)83-86, 1 FIG
- 802135** WOOD, CHARLES E - 1968  
**TWO SPECIES OF CYPRINIDAE FROM NORTH CENTRAL MINDANAO**

802148	PELLERDY, L; MOLNAR, K - 1968 KNOWN AND UNKNOWN EIMERIAN PARASITES OF FISHES IN HUNGARY FOLIA PARASITOL 15(2)97-105, 12 FIGS	802161	BANINA, N N - 1968 APIOSOMA FROM FRESH-WATER FISHES IN THE EUROPEAN PART OF THE SOVIET UNION (SYSTEMATIC REVIEW) ACTA PROTOZOOLOGICA 6(20/26)245-262, 11 FIGS, 11 TABLES	802148 - 802173
802149	MUNRO, J L - 1968 PROSPECTS FOR A SMALL-SCALE TRAWLING INDUSTRY IN JAMAICA INFORM, BULL SCI RES COUNCIL 8(2/4)91-96, 2 FIGS, 1 TABLE	802162	GERBERICH, J B; LAIRD, M - 1968 BIBLIOGRAPHY OF PAPERS RELATING TO THE CONTROL OF MOSQUITOES BY THE USE OF FISH FAO (FOOD AGR ORGAN U N) FISH TECH PAP (75)70P	
802150	BACKIEL, TADEUSZ; ZAWISZA, J - 1968 SYNOPSIS OF BIOLOGICAL DATA ON THE BREAM, ABRAMIS BRAMA (LINNAEUS, 1758) FAO (FOOD AGR ORGAN U N) FISH SYNOPSIS (36)IV + 116P, 20 FIGS, 29 TABLES	802163	SOROKIN, I U - 1968 THE USE OF 14C IN THE STUDY OF NUTRITION OF AQUATIC ANIMALS INT VER THEOR ANGEW LIMNOL VERH MITT (16)41P, 10 FIGS, 10 TABLES	
802151	CROWTHER, HAROLD E ET AL - 1968 REGULATION AND INVESTIGATION OF THE PACIFIC HALIBUT FISHERY IN 1967 REP INT PAC HALIBUT COMM (46)23P, 1 FIG, 7 TABLES	802164	FEDOROVA, G F - 1968 ON INFLUENCE OF C14 ON WAY OF PELJADY LARVAE OUT OF CAVIARE VESTN Leningrad Univ Ser Biol 4(21)45-49, 4 TABLES IN RUSSIAN	
802152	LIPA, JERZY J - 1968 ORIGIN OF THE FAUNA AND FLORA OF THE BAIKAL LAKE AND THEIR RELATIONSHIP WITH THE ORGANISMS LIVING IN OTHER LAKES AND SEAS KOSMOSWARSZAWA SER A BIOL 17(2)137-146, 2 FIGS, 1 TABLE IN POLISH	802165	COLLIGNON, J - 1968 LES TRIGLES DES EAUX MAROCAINES (1ERE NOTE) BULL INST PECHES MARIT MAROC (16)3-33, 22 FIGS, 4 TABLES	
802153	PEIFER, JAMES J - 1968 HYPOCHOLESTEROLEMIC EFFECTS OF MARINE OILS U S FISH WILDLIFE SERV CIRC (285)II + 16P, 2 TABLES	802166	ALONCLE, H - 1968 REMARQUES SUR L'IDENTITE EXACTE D'UN SAR DES COTES ATLANTIQUES DU MAROC BULL INST PECHES MARIT MAROC (16)61-63	
802154	SCHOFFMAN, ROBERT J - 1968 AGE AND RATE OF GROWTH OF THE LARGEMOUTH BLACK BASS IN REELFOOT LAKE, TENNESSEE, FOR 1961 AND 1967 J TENN ACAD SCI 43(1)2-4, 3 FIGS, 2 TABLES	802167	COLLIGNON, J - 1968 LES PECHES MARITIMES AU MAROC EN 1967, RESULTATS COMMENTES BULL INST PECHES MARIT MAROC (16)77-105, 19 TABLES	
802155	GRAY, WILFORD; WARD, ROBERT P - 1968 AGE AND GROWTH RATE OF BLUEGILL IN SELECTED FARM PONDS IN OBION COUNTY, TENNESSEE J TENN ACAD SCI 43(1)5-6, 3 TABLES	802168	MUZINIC, RADOSNA - 1968 AQUARIUM TAGGING EXPERIMENTS ON SARDINES WITH ANCHOR TAGS BY THE USE OF TRICIAINE METHANE SULFONATE FAO (FOOD AGR ORGAN U N) STUD REV GEN FISH COUN MEDIT (36)31P, 13 FIGS, 11 TABLES	
802156	FITZ, RICHARD B - 1968 FISH HABITAT AND POPULATION CHANGES RESULTING FROM IMPOUNDMENT OF CLINCH RIVER BY MELTON HILL DAM J TENN ACAD SCI 43(1)7-15, 1 FIG, 13 TABLES	802169	CALDERON, ENRIQUE G - 1968 SUITE DES ETUDES SUR LES POSSIBILITES DE DEVELOPPEMENT DE LA SALMONICULTURE EN EAUX CHAUDES FAO (FOOD AGR ORGAN U N) STUD REV GEN FISH COUN MEDIT (30)SUPPL 1:10P, 5 FIGS, 6 TABLES	
802157	PARVATHESWARARAO, V - 1968 INITIAL ADAPTIVE RESPONSES TO THERMAL STRESS IN FRESHWATER TELEOSTS, I, OXYGEN CONSUMPTION OF WHOLE ANIMAL PROC INDIAN ACAD SCI SECT B 68(5)225-231, 3 FIGS	802170	MILLS, D H - 1968 SALMON-SCOTLAND'S MOST VALUABLE WILD ANIMAL ANIMALS 10(11)504-507, 5 FIGS	
802158	ISSI, I V; SHULMAN, S S - 1968 THE SYSTEMATIC POSITION OF MICROSPORIDIA ACTA PROTOZOOLOGICA 6(12/19)121-135	802171	DEJOURS, P; ARMAND, JACQUES; VERRIEST, GERARD 1968 COMPARAISON DES COURBES DE DISSOCIATION DE CO2 DANS L'EAU RESPIREE PAR UN TELEOSTEEN ET PAR UN ELASMOBRANCHE J PHYSIOL (PARIS) 60 SUPPL 2:428-429	
802159	KULEMINA, I V - 1968 PARASITIC CILIATES (PERITRICHIA, URCEOLARIIDAE) FROM THE FRY AND YOUNG FISHES OF LAKE SELIGER ACTA PROTOZOOLOGICA 6(12/19)185-208, 25 FIGS, 11 TABLES IN RUSSIAN WITH ENGLISH SUMMARY	802172	PEYRIN, LILIANE - 1968 LA METHYLATION DE LA NORADRENALINE CHEZ LA ROUSETTE J PHYSIOL 60 SUPPL 2:515	
802160	KAZUBSKI, STANISLAW L; MIGALA, KAZIMIERZ - 1968 URCEOLARIIDAE FROM BREEDING CARP-CYPRINUS CARPIO L IN ZABINIEC AND REMARKS ON THE SEASONAL VARIABILITY OF TRICHODINIDS ACTA PROTOZOOLOGICA 6(12/19)137-157, 5 FIGS, 5 TABLES	802173	PIIPER, J; BAUMGARTEN, D - 1968 ANALYSE DES ECHANGES GAZEUX BRANCHIAUX CHEZ UN POISSON ELASMOBRANCHE, SCYLIORHINUS STELLARIS J PHYSIOL (PARIS) 60 SUPPL 2:518	

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	802175	ROSE, PABLO G - 1968 SOME CONCEPTS ON MARINE PARKS INT UNION CONSERV NATURE NATUR RESOUR PUBL NEW SER (13)361-377	802187	ZIGMAN, SEYMOUR; BAGLEY, SUSAN J - 1968 THE EFFECT OF LIGHT ON THE DOGFISH EYE BIOL BULL 135(2)443
	802176	CLAFF, LLOYD; CRESCENZI, ARMAND A; LANDE, ARNOLD J - 1968 SHARK AND DOGFISH STUDIES: PULSATILE PRESSURE EXTRACORPOREAL BLOOD OXYGENATION BY MEANS OF SILICONE MEMBRANE 'HEART-LUNG' DEVICES AND ARTIFICIAL KIDNEY BIOL BULL 135(2)409-410	802188	GILBERT, CARTER R - 1968 A MASS INSHORE MOVEMENT OF FISHES ON THE FLORIDA COAST QUART J FLA ACAD SCI 31(1)70-78
	802177	BENNETT, MICHAEL V L; TRINKAUS, J P - 1968 ELECTRICAL COUPLING OF EMBRYONIC CELLS BY WAY OF EXTRACELLULAR SPACE AND SPECIALIZED JUNCTIONS BIOL BULL 135(2)415	802189	FRASER, THOMAS H - 1968 COMPARATIVE OSTEOLOGY OF THE ATLANTIC SNOOKS (PISCES, CENTROPOMUS) COPEIA (3)433-460, 19 FIGS, 1 TABLE
	802178	CANDELAS, GRACIELA C; TEMES, SANFORD; ORTIZ, JOSE R; GELFANT, SEYMOUR - 1968 DOGFISH WHITE BLOOD CELLS, PROTEIN SYNTHESIS IN VIVO AND IN VITRO BIOL BULL 135(2)415-416	802190	SMITH, ALLEN J; HOWELL, JOHN L; PIAVIS, GEORGE W - 1968 COMPARATIVE EMBRYOLOGY OF FIVE SPECIES OF LAMPREYS OF THE UPPER GREAT LAKES COPEIA (3)461-469, 5 FIGS, 4 TABLES
	802179	ECCLES, JOHN C; TABORIKOVA, HELENA; TSUKAHARA, NAKAAKIRA - 1968 EXCITATION AND INHIBITION OF PURKYN CELLS IN THE CEREBELLUM OF MUSTELUS CANIS BIOL BULL 135(2)418	802191	BARTLETT, MARTIN R; HAEDRICH, RICHARD L - 1968 NEUSTON NETS AND SOUTH ATLANTIC LARVAL BLUE MARLIN (MAKAIIRA NIGRICANS) COPEIA (3)469-474, 3 FIGS, 1 TABLE
	802180	HASCHEMEYER, AUDREY E V; LEVY, JANICE C - 1968 DETERMINATION OF RATE OF POLYPEPTIDE CHAIN ASSEMBLY IN VIVO IN OPSANUS TAU BIOL BULL 135(2)422	802192	ZORACH, TIMOTHY - 1968 ETHEOSTOMA BELLUM, A NEW DARTER OF THE SUBGENUS NOTHONOTUS FROM THE GREEN RIVER SYSTEM, KENTUCKY AND TENNESSEE COPEIA (3)474-482, 2 FIGS, 6 TABLES
	802181	KRIEBEL, M E; WAXMAN, S G; PAPPAS, GEORGE D; BENNETT, MICHAEL V L - 1968 NEUROPHYSIOLOGY OF OCULOMOTOR NEURONS IN TELEOSTS BIOL BULL 135(2)426	802193	HUBBS, CARL L; ISHIYAMA, REIZO - 1968 METHODS FOR TAXONOMIC STUDY AND DESCRIPTION OF SKATES (RAJIDAE) COPEIA (3)483-491, 1 FIG
	802182	LERMAN, SIDNEY; TUTTLE, JOAN; KOSER, RICHARD 1968 COMPOSITION AND FORMATION OF INSOLUBLE PROTEIN IN THE DOGFISH (MUSTELUS CANIS) LENS BIOL BULL 135(2)428	802194	SAUNDERS, DOROTHY CHAPMAN - 1968 DIFFERENTIAL BLOOD CELL COUNTS OF 50 SPECIES OF FISHES FROM THE RED SEA COPEIA (3)491-498, 2 TABLES
	802183	OBARA, S; BENNETT, MICHAEL V L - 1968 RECEPTOR AND GENERATOR POTENTIALS OF AMPULLAE OF LORENZINI IN THE SKATE, RAJA BIOL BULL 135(2)430-431	802195	SLAUGHTER, BOB H; SPRINGER, STEWART - 1968 REPLACEMENT OF ROSTRAL TEETH IN SAWFISHES AND SAWSHARKS COPEIA (3)499-506, 8 FIGS
	802184	PEDERSON, THORU; GELFANT, SEYMOUR - 1968 DOGFISH ERYTHROCYTES, ACTIVATION OF NUCLEIC ACID SYNTHESIS IN A REPRESSED CELL BIOL BULL 135(2)431	802196	HULET, WILLIAM H; MUSIL, GEORGE - 1968 INTRACELLULAR BACTERIA IN THE LIGHT ORGAN OF THE DEEP SEA ANGLER FISH, MELANOCETUS MURRAYI COPEIA (3)506-512, 6 FIGS
	802185	ROBERTS, JOHN L - 1968 ACTIVITY LEVEL AND CARDIOREGULATION OF THE NORTHERN SEA ROBIN, PRIONOTUS CAROLINUS (L) BIOL BULL 135(2)433-434	802197	DAWSON, C E - 1968 EASTERN PACIFIC WORMFISHES, MICRODESMUS DIPUS GUNTHER AND MICRODESMUS DORSIPUNCTATUS SP NOV COPEIA (3)512-531, 12 FIGS, 8 TABLES
	802186	TSUKAHARA, NAKAAKIRA; TABORIKOVA, HELENA;	802198	ROHR, BENNIE A - 1968 THE SEARSIID FISH, PLATYTROCTES APUS, FROM THE WESTERN TROPICAL ATLANTIC AND GULF OF MEXICO COPEIA (3)624-625
			802199	YOSHIDA, HOWARD O - 1968 PECTORAL FIN LENGTH OF JUVENILE ALBACORE



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802201	EMERY, ALAN R - 1968 UNDERWATER TELESCOPE COPEIA (3)627-628, 1 FIG	802215 BARNETT, MICHAEL A; GIBBS, ROBERT H JR - 1968 FOUR NEW STOMIATOID FISHES OF THE GENUS BATHOPHILUS WITH A REVISED KEY TO THE SPECIES OF BATHOPHILUS COPEIA (4)826-832	
802202	GOULD, WILLIAM R; BROWN, C J D - 1968 FISHES OF THE GENUS SEMOTILUS (CYPRINIDAE) FROM MONTANA COPEIA (3)628-629, 1 FIG	802216 SAMDERCOCK, F KEITH; WILIMOVSKY, NORMAN J 1968 REVISION OF THE COTTID GENUS ENOPHRYS COPEIA (4)832-853, 10 FIGS	
802203	MAY, EDWIN B; ECHELLE, ANTHONY A - 1968 YOUNG-OF-YEAR ALLIGATOR GAR IN LAKE TEXOMA, OKLAHOMA COPEIA (3)629-630, 1 FIG	802217 GORDON, MALCOLM S; BOETIUS, JAN; EVANS, DAVID H; OGLESBY, LARRY C - 1968 ADDITIONAL OBSERVATIONS ON THE NATURAL HISTORY OF THE MUDSKIPPER, PERIOPHTHALMUS SOBRINUS COPEIA (4)853-857, 4 TABLES	
802204	BIGELOW, HENRY B; SCHROEDER, WILLIAM C - 1968 NEW RECORDS OF TWO GEOGRAPHICALLY RESTRICTED SPECIES OF WESTERN ATLANTIC SKATES, BREVIRAJA YUCATANENSIS AND DACTYLOBATUS ARMATUS COPEIA (3)630-631	802218 SLASTENENKO, E P - 1968 THE IDENTIFICATION OF BLENNIUS TENTACULARIS VAR RHODENSIS KAHNSBAUER FROM RHODES ISLAND, MEDITERRANEAN SEA COPEIA (4)858-859	
802205	LYMAN, CHARLES P - 1968 BODY TEMPERATURE OF EXHAUSTED SALMON COPEIA (3)631-633, 1 TABLE	802219 FISHELSON, LEV - 1968 STRUCTURE OF THE VERTEBRAL COLUMN IN LEPADICHTHYS LINEATUS, A CLINGFISH ASSOCIATED WITH CRINOIDS COPEIA (4)859-861, 5 FIGS	
802206	CARLTON, WILLIAM G; JACKSON, WILLIAM B - 1968 THE EYE LENS AS AN AGE INDICATOR IN CARP COPEIA (3)633-636, 2 FIGS	802220 HOBSON, EDMUND S; WALTERS, VLADIMIR - 1968 FIRST EASTERN PACIFIC RECORD OF CANTHIGASTER AMBOINENSIS, AN INDO-WEST PACIFIC PUFFERFISH COPEIA (4)861-862	
802207	MILLER, RUDOLPH J - 1968 SPECIATION IN THE COMMON SHINER, AN ALTERNATE VIEW COPEIA (3)640-647	802221 AMIN, OMAR MOHAMED - 1968 DEFORMED INDIVIDUALS OF TWO SPECIES OF SUCKERS, CATOSTOMUS INSIGNIS AND C CLARKII, FROM THE GILA RIVER SYSTEM COPEIA (4)862-863	
802208	DICK, MYVANWY M; SCHROEDER, WILLIAM C - 1968 HENRY BRYANT BIGELOW 1879-1967 COPEIA (3)657-659	802222 DOOLEY, JAMES K - 1968 YOUNG FILEFISHES, CANTHERHINES MACROCERUS AND C. PULLUS COPEIA (4)863-867, 5 FIGS	
802209	HUBBS, CARL L - 1968 JAMES LEONARD BRIERLEY SMITH 1897-1968 COPEIA (3)659-660, 1 FIG	802223 FOLLETT, W I - 1968 RADIOGRAPHY OF FREEZE-DRIED FISHES COPEIA (4)867-869, 1 FIG	
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802213	SMITH, G R; STOKES, W L; HORN, K F - 1968 SOME LATE PLEISTOCENE FISHES OF LAKE BONNEVILLE COPEIA		

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- BREVIROSTRIS, BY SOUND**  
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(4)871-872
- 802227 MELDRIM, JOHN W; WADLEY, GERALD W - 1968  
HOLOTYPE OF FISHES DESCRIBED BY A W C T HERRE  
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(4)872-873
- 802228 HAEDRICH, RICHARD L - 1968  
THE STROMATEOID FISH PSENOPHIS OBSCURA FROM OFF  
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(4)873-874
- 802229 SPRAGUE, JOHN B - 1968  
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SULPHATE SOLUTIONS  
WATER RES  
2:367-372, 2 FIGS
- 802230 KULKIN, S G - 1968  
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- 802231 WITTENBERGER, CAROL - 1968  
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RECHERCHES SUR LE METABOLISME D'EFFORT CHEZ  
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- 802232 SCHLIEPER, C - 1968  
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- 802233 ROSENTHAL, H - 1968  
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- 802234 KANAYAMA, YUKITAKA - 1968  
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2(1)77-87, 8 FIGS, 5 TABLES
- 802235 TAYLOR, W; HOUSTON, A H; HORGAN, J D - 1968  
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DYNAMICS OF THE SALMONID FISH  
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- 802236 HUGHES, G M; UMEZAWA, SHUN-ICHI - 1968  
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49(3)557-564, 6 FIGS
- 802237 HUGHES, G M; UMEZAWA, SHUN-ICHI - 1968  
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J EXP BIOL  
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- 802238 HUGHES, G M; BALLINTJN, C M - 1968  
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J EXP BIOL  
49(3)583-602, 14 FIGS
- 802239 HUGHES, G M; KNIGHTS, B - 1968  
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J EXP BIOL  
49(3)603-615, 9 FIGS, 2 TABLES
- 802240 CRONLY-DILLON, JOHN; SHARMA, SANSAR C - 1968  
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SPECTRAL SENSITIVITY OF THE THREE-SPINED  
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49(3)679-687, 2 FIGS, 5 TABLES
- 802241 SMIT, H - 1968  
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BIRDS  
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5(6)2791-2805, 4 FIGS, 1 TABLE
- 802242 BANARESCU, PETRU - 1968  
REVISIONS OF THE INDO-BURMANESE GENUS  
SALMOSTOMA SWAINSON (PISCES, CYPRINIDAE) WITH  
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13(1)3-14, 15 FIGS, 1 TABLE
- 802243 POPESCU-MARINESCU, VIRGINIA - 1968  
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- 802244 WHITWORTH, WALTER R; BERRIEN, PETER L;  
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- 802245 SVETOVIDOV, A N - 1968  
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THEIR MODE OF LIFE  
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47(12)1823-1828, 2 FIGS  
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- 802246 KUTTY, M KRISHNAN; QASIM, S Z - 1968  
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AND POTENTIAL YIELD IN FISH POPULATIONS  
J CONS CONS PERMA INT EXPLOR MER  
32(2)249-255
- 802247 GULLAND, J A - 1968  
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J CONS CONS PERMA INT EXPLOR MER  
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- 802248 CUSHING, D H - 1968  
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1955-1966  
J CONS CONS PERMA INT EXPLOR MER  
32(2)262-269, 2 FIGS, 3 TABLES
- 802249 SMITH, S WIEDMANN - 1968  
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STRUCTURE EXAMINATION  
J CONS CONS PERMA INT EXPLOR MER  
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- 802250 ALBRECHTSEN, K - 1968  
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J CONS CONS PERMA INT EXPLOR MER  
32(2)278-279, 2 FIGS
- 802251 GRIFFITHS, P G - 1968  
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J CONS CONS PERMA INT EXPLOR MER  
32(2)280-282, 2 FIGS

- 802252 HAGSTROM, BERNDT E; LONNING, SUNNIVA - 1968  
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(19)25-33, 2 FIGS, 5 TABLES
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- 802260 BURTON, R F - 1968  
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- 802263 ANDERSEN, ROLF A; ENGER, PER S - 1968  
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- 802265 BANARESCU, PETRU - 1968  
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(PISCES -CYPRINIDAE) DIN DUNAREA INFERIOARA  
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WITH ENGLISH SUMMARY
- 802266 POPESCU-MARINESCU, VIRGINIA - 1968  
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PHYSIOL ZOOL  
41(4)447-460, 2 FIGS, 2 TABLES
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TROPICAL FISH HOBBYIST  
16(5)4-5 + 7-9 + 12-13, 11 FIGS
- 802275 ZUKAL, RUDOLF - 1968  
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- 802276 KLAUSEWITZ, WOLFGANG - 1968  
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25(1):1-14, 1 FIG. 2 TABLES

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25(1):177-179, 2 FIGS

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25(1):25-31, 1 FIG. 4 TABLES

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FISH RES BOARD CAN J  
25(1):189-195, 3 TABLES

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FISH RES BOARD CAN J  
25(1):33-48, 9 FIGS, 1 TABLE

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25(1):197-201, 1 TABLE

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DIOXIDE ON SWIMMING PERFORMANCE OF LARGEMOUTH  
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802295 PHINNEY, DUANE E; DAHLBERG, MICHAEL L - 1968  
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CORTISOL IN SMALL QUANTITIES OF SALMONID PLASMA  
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25(1):71-79, 4 FIGS

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SOUND SCATTERING LAYERS OFF THE COAST OF  
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25(3):457-472, 3 FIGS, 2 TABLES

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25(1):61-99, 11 FIGS, 2 TABLES

802297 GRONLUND, WILLIAM D; HODGINS, HAROLD O;  
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AND O. Tshawytscha) AFTER EXERCISE  
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25(3):473-484, 5 FIGS, 4 TABLES

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CATOSTOMUS COMMersonII AND C. MACROCHEILUS  
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25(1):101-150, 23 FIGS, 8 TABLES

802298 KERNS, ORRA E JR; DONALDSON, JOHN R - 1968  
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25(3):495-521, 9 FIGS, 5 TABLES

802288 SMITH, CHARLES E - 1968  
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25(3):555-578, 13 FIGS, 9 TABLES

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MEALS  
FISH RES BOARD CAN J  
25(1):569-572, 3 TABLES

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25(3):579-584, 2 FIGS, 1 TABLE

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FOR SMALL MARINE FISH EGGS  
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FREE-SWIMMING FISH AT THE SURFACE

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25(3):589-590, 1 FIG, 2 TABLES

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802313	SCOTT, W B; TIBBO, S N - 1968 <b>FOOD AND FEEDING HABITS OF SWORDFISH, XIPHIAS GLADIUS, IN THE WESTERN NORTH ATLANTIC</b> FISH RES BOARD CAN J 25(5)903-919, 3 FIGS, 7 TABLES	802325 LOWE-MCCONNELL, R H - 1968 <b>IDENTIFICATION OF FRESHWATER FISHES</b> 46-77(4 FIGS) IN METHODS FOR ASSESSMENT OF FISH PRODUCTION IN FRESH WATERS; INT BIOL PROG HANDB (3), W E RICKER (ED) BLACKWELL SCIENTIFIC PUBLICATIONS: OXFORD, 313P, ILLUS	
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SOUTHEAST ALASKA**  
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RATES**  
124-158(1FIG, 9 TABLES) IN METHODS FOR  
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ALASKA**  
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159-178(6 FIGS, 1 TABLE) IN METHODS FOR  
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182-196(5FIGS, 1 TABLE) IN METHODS FOR  
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WATERS; INT BIOL PROG HANDB (3), W E RICKER  
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POPULATIONS - SOUTHWESTERN KENAI PENINSULA AND  
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204-225(7FIGS, 2 TABLES) IN METHODS FOR  
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INLET**  
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- 802335 PALING, JOHN E - 1968  
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226-235(2FIGS) IN METHODS FOR ASSESSMENT OF  
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ALASKA DEP FISH GAME PROGR REP 1967-1968  
9:199-204, 4 TABLES
- 802338 HECKART, LARRY; JONES, DARWIN; BAADE, ROBERT  
1968  
**INVENTORY AND CATALOGING OF THE SPORT FISH AND  
SPORT FISH WATERS IN SOUTHEAST ALASKA**  
ALASKA DEP FISH GAME PROGR REP 1967-1968  
9:1-21, 1 FIG, 19 TABLES
- 802349 PADDOCK, DEAN - 1968  
**INVENTORY AND CATALOGING OF THE SPORT FISH AND  
SPORT FISH WATERS IN THE BRISTOL BAY AND LOWER  
KUSKOKWIM DRAINAGES**  
ALASKA DEP FISH GAME PROGR REP 1967-1968  
9:205-222, 5 FIGS, 5 TABLES
- 802350 MCHENRY, EDWARD T; PADDOCK, DEAN - 1968  
**CREEL CENSUS OF THE SPORT FISHES OF THE BRISTOL  
BAY DRAINAGE**  
ALASKA DEP FISH GAME PROGR REP 1967-1968  
9:233-240, 3 FIGS, 10 TABLES
- 802339 HECKART, LARRY; JONES, DARWIN; BAADE, ROBERT
- 802351 WILLIAMS, FRED T - 1968  
**INVENTORY AND CATALOGING OF SPORT FISH AND  
SPORT FISH WATERS OF THE COPPER RIVER AND  
PRINCE WILLIAM SOUND DRAINAGES, AND THE UPPER  
SUSITNA RIVER**  
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	9:241-256, 2 FIGS, 5 TABLES		<b>GAS EXCHANGE AND CONTROL OF BREATHING IN THE ELECTRIC EEL, ELECTROPHORUS ELECTRICUS</b> Z VERGL PHYSIOL 61(2)137-163, 15 FIGS, 4 TABLES	802352 - 802375
802352	WILLIAMS, FRED T - 1968 <b>GRAYLING INVESTIGATIONS ON TOLSONA AND MOOSE LAKES</b> ALASKA DEP FISH GAME PROGR REP 1967-1968 9:257-264, 2 FIGS	802364	ROTH, A - 1968 <b>ELECTRORECEPTION IN THE CATFISH, AMIURUS NEBULOSUS</b> Z VERGL PHYSIOL 61(2)196-202, 2 FIGS	
802353	ROGUSKI, EUGENE A; SPETZ, CARL E - 1968 <b>INVENTORY AND CATALOGING OF THE SPORT FISH AND SPORT FISH WATERS IN THE INTERIOR OF ALASKA</b> ALASKA DEP FISH GAME PROGR REP 1967-1968 9:265-285, 4 TABLES	802365	OLIVEREAU, MADELEINE - 1968 <b>ACTION DE LA PROLACTINE CHEZ L'ANGUILLE, IV, METABOLISME THYROIDIEN</b> Z VERGL PHYSIOL 61(2)246-258, 8 FIGS, 1 TABLE	
802354	VAN HULLE, FRANK - 1968 <b>INVESTIGATION OF THE FISH POPULATIONS IN THE CHENA RIVER</b> ALASKA DEP FISH GAME PROGR REP 1967-1968 9:287-304, 6 FIGS, 9 TABLES	802366	GROBE, HEIDRUN - 1968 <b>OPTISCHE UND CHEMISCHE EINFLUSSE DER BESIEDLUNGSDICHTE AUF DAS WACHSTUM VON XIPHOPHORUS HELLERI GUENTHERI (JORDAN AND EVERMANN)</b> ZOOLOG JAHRE ABT ALLG ZOOLOG PHYSIOL TIERE 74(3)233-245, 3 FIGS, 1 TABLE	
802355	ROGUSKI, EUGENE A - 1968 <b>INVESTIGATIONS OF THE TANANA RIVER AND TANGLE LAKES FISHERIES, MIGRATORY AND POPULATION STUDY</b> ALASKA DEP FISH GAME PROGR REP 1967-1968 9:305-306	802367	PICOS, C A; SCHMIDT, DUMBRAVITA - 1968 <b>ACTIUNEA METILTIOURACILULUI ASUPRA CONSUMULUI DE OXIGEN AL PESTILOR (CARASSIUS AURATUS GIBELIO BLOCH)</b> STUD CERCET BIOL SER ZOOLOG 20(1)49-56, 1 FIG, 2 TABLES WITH ENGLISH SUMMARY	
802356	ALT, KENNETH T - 1968 <b>SHEEFISH AND PIKE INVESTIGATIONS OF THE UPPER YUKON AND KUSKOKWIM DRAINAGES WITH EMPHASIS ON MINTO FLATS DRAINAGES</b> ALASKA DEP FISH GAME PROGR REP 1967-1968 9:307-321, 4 FIGS, 3 TABLES	802368	MARINESCU, AL G - 1968 <b>CERCETARI ASUPRA RELATIEI DINTRE GREUTATEA CORPORALA SI CONSUMUL DE OXIGEN LA CARAS (CARASSIUS AURATUS GIBELIO BLOCH) SUB INFLUENTA TEMPERATURII SI A SEZONULUI</b> STUD CERCET BIOL SER ZOOLOG 20(4)405-410, 1 FIG WITH ENGLISH SUMMARY	
802357	GANDOLFI, GILBERTO; MAINARDI, DANILO; ROSSI, ALESSANDRO C - 1968 <b>THE FRIGHT REACTION OF ZEBRA FISH</b> ATTI SOC ITAL SCI NATUR MUS CIVICO STORIA NATUR MILANO 107(1)74-88, 4 FIGS, 4 TABLES	802369	PRUNESCU-ARION, ELENA; BANARESCU, PETRU - 1968 <b>LAMPETRA PLANERI (BLOCH, 1784), SPECIE NOUA PENTRU FAUNA ROMANIEI</b> STUD CERCET BIOL SER ZOOLOG 20(5)467-470, 2 FIGS WITH ENGLISH SUMMARY	
802358	LLEWELLYN, J - 1968 <b>LARVAE AND LARVAL DEVELOPMENT OF MONOGENEANS 373-383 IN ADVANCES IN PARASITOLOGY (VOL 6), BEN DAWES (ED)</b> ACADEMIC PRESS: LONDON AND NEW YORK, 461P, ILLUS	802370	KARST, HEINZ - 1968 <b>UNTERWASSERBEOBACHTUNGEN AN SOZIALEN GRUPPIERUNGEN VON SÜSSWASSERFISCHEN AUSSERHALB DER LAICHZEIT</b> INT REV GESAMTEN HYDROBIOL 53(4)573-599, 11 FIGS	
802359	THOMSON, KEITH STEWART; VAUGHN, PETER PAUL - 1968 <b>VERTEBRAL STRUCTURE IN RHIPIDISTIA (OSTEICHTHYES, CROSSOPTERYGII) WITH DESCRIPTION OF A NEW PERMIAN GENUS</b> POSTILLA (YALE PEABODY MUSEUM) (127)19P, 10 FIGS	802371	WENZ, SYLVIE - 1968 <b>NOTE PRELIMINAIRE SUR LA FAUNE ICHTHYOLOGIQUE DU JURASSIQUE SUPERIEUR DU MONTSECH (ESPAGNE)</b> BULL SOC GEOL FR 7E SER 10(1)116-119	
802360	KAGEI, NOBORU; OSHIMA, TOMOO - 1968 <b>NATIONWIDE EPIDEMIOLOGICAL SURVEYS ON THE METACERCARIAE OF METAGONIMUS YOKOGAWAI IN 'AYU,' PLECOGLOSSUS ALTIVELIS, IN JAPAN</b> JAP J PARASITOL 17(6)16-25, 2 FIGS, 5 TABLES IN JAPANESE WITH ENGLISH ABSTRACT	802372	NYGREN, AXEL; NILSSON, BIRGIT; JAHNKE, MARGARETE - 1968 <b>CYTOLOGICAL STUDIES IN ATLANTIC SALMON (SALMO SALAR)</b> ANN ACAD REGIAE SCI UPSAL 12:21-52, 30 FIGS, 3 TABLES	
802361	YOKOGAWA, MUNEO; SANO, MOTOHITO - 1968 <b>STUDIES ON THE INTESTINAL FLUKES IV, ON THE DEVELOPMENT OF THE WORM IN THE EXPERIMENTALLY INFECTED ANIMALS WITH METACERCARIAE OF METAGONIMUS YOKOGAWAI</b> JAP J PARASITOL 17(6)91-95, 1 TABLE IN JAPANESE WITH ENGLISH SUMMARY	802373	GHOSH, A N; BHATTACHARYA, R K; RAO, K V - 1968 <b>ON THE IDENTIFICATION OF THE SUB-POPULATIONS OF HILSA ILISHA (HAM) IN THE GANGETIC SYSTEM WITH A NOTE ON THEIR DISTRIBUTION</b> PROC NAT INST SCI INDIA PART B BIOL SCI 34(1)44-57, 14 TABLES	
802362	KASHIWAGI, MASAOKI; YOSHIDA, FUMIKAZU; SATO, RYUHEI - 1968 <b>BLOOD CELL CONSTITUENTS OF CHUM SALMON, ONCORHYNCHUS KETA (WALBAUM), WITH SPECIAL REFERENCE TO THE ERYTHROCYTE SERIES ACCORDING TO GROWTH OF THE FISH FROM HATCHING</b> TOHOKU J AGR RES 19(3)188-194, 6 FIGS, 2 TABLES	802374	KAMI, HARRY T; IKEHARA, ISAAC I; DELEON, FRANCISCO P - 1968 <b>CHECK-LIST OF GUAM FISHES</b> MICRONESICA J COLL GUAM 4(1)95-131	
802363	JOHANSEN, KJELL; LENFANT, CLAUDE; SCHMIDT-NIELSEN, KNUT; PETERSEN, JORGE A - 1968	802375	CHASTON, I - 1968	

- 802376** SMITH, M W; SAUNDERS, J W - 1968  
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TROUT FROM A COASTAL STREAM SYSTEM  
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25(2)209-238, 4 FIGS, 20 TABLES
- 802377** FRASER, DORIS I; PITTS, DIANNE P; DYER, W J  
1968  
NUCLEOTIDE DEGRADATION AND ORGANOLEPTIC QUALITY  
IN FRESH AND THAWED MACKEREL MUSCLE HELD AT AND  
ABOVE ICE TEMPERATURE  
FISH RES BOARD CAN J  
25(2)239-253, 7 FIGS, 1 TABLE
- 802378** LAWLER, G H; FITZ-EARLE, M - 1968  
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25(2)255-266, 1 FIG, 5 TABLES
- 802379** KEAST, ALLEN - 1968  
FEEDING BIOLOGY OF THE BLACK CRAPPIE, POMOXIS  
NIGROMACULATUS  
FISH RES BOARD CAN J  
25(2)285-297, 3 TABLES
- 802380** KABATA, Z - 1968  
SOME CHONDROCANTHIDAE (COPEPODA) FROM FISHES OF  
BRITISH COLUMBIA  
FISH RES BOARD CAN J  
25(2)321-345, 93 FIGS
- 802381** TRUSCOTT, B; IDLER, D R; HOYLE, R J; FREEMAN, H  
C - 1968  
SUB-ZERO PRESERVATION OF ATLANTIC SALMON SPERM  
FISH RES BOARD CAN J  
25(2)363-372, 1 FIG, 2 TABLES
- 802382** JOHN, KENNETH R; GRING, DAVID M - 1968  
RETINOMOTOR RHYTHMS IN THE BLUEGILL, LEPOMIS  
MACROCHIRUS  
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25(2)373-381, 3 FIGS, 1 TABLE
- 802383** WOLF, KEN; QUIMBY, M C; CARLSON, C P;  
BULLOCK, GRAHAM L - 1968  
INFECTIOUS PANCREATIC NECROSIS, SELECTION OF  
VIRUS-FREE STOCK FROM A POPULATION OF CARRIER  
TROUT  
FISH RES BOARD CAN J  
25(2)383-391, 1 TABLE
- 802384** HUNTER, JOHN R - 1968  
EFFECTS OF LIGHT ON SCHOOLING AND FEEDING OF  
JACK MACKEREL, TRACHURUS SYMMETRICUS  
FISH RES BOARD CAN J  
25(2)393-407, 7 FIGS
- 802385** NELSON, JOSEPH S - 1968  
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FISH RES BOARD CAN J  
25(2)409-414, 2 FIGS
- 802386** NELSON, JOSEPH S - 1968  
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- 802387** HALLIDAY, R G - 1968  
OCCURRENCE OF PARASUDIS TRUCULENTUS (GOODE AND  
BEAN) 1895 (INIOMI, CHLOROPHTHALMIDAE) OFF  
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25(2)421-422, 1 FIG, 1 TABLE
- 802388** CAMPBELL, GORDON; MACKELVIE, R M - 1968  
INFECTION OF BROOK TROUT (SALVELINUS  
FONTINALIS) BY NOCARDIAE  
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25(2)423-425, 1 FIG, 1 TABLE
- 802389** TRUSCOTT, B; IDLER, D R - 1968  
BIOSYNTHESIS OF ALDOSTERONE AND  
18-HYDROXYCORTICOSTERONE FROM CORTICOSTERONE BY  
INTERRENAL TISSUE OF A TELEOST (CLUPEA HARENGUS  
HARENGUS)  
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25(2)431-435, 1 FIG, 2 TABLES
- 802390** HOGAN, JAMES W; KNOWLES, CHARLES O - 1968  
SOME ENZYMATIC PROPERTIES OF BRAIN  
ACETYLCHOLINESTERASE FROM BLUEGILL AND CHANNEL  
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25(4)615-623, 2 FIGS, 3 TABLES
- 802391** MACKAY, ISOBEL; POWER, G - 1968  
AGE AND GROWTH OF ROUND WHITEFISH (PROSOPIUM  
CYLINDRACEUM) FROM UNGAVA  
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25(4)657-666, 1 FIG, 5 TABLES
- 802392** SMITH, STANFORD H - 1968  
SPECIES SUCCESSION AND FISHERY EXPLOITATION IN  
THE GREAT LAKES  
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25(4)667-693, 5 FIGS, 7 TABLES
- 802393** HERGENRADER, GARY L; HASLER, ARTHUR D - 1968  
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BEHAVIOUR OF YELLOW PERCH  
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25(4)711-716, 6 FIGS
- 802394** RAFAIL, SAMIR ZAKY - 1968  
A STATISTICAL ANALYSIS OF RATION AND GROWTH  
RELATIONSHIP OF PLAICE (PLEURONECTES PLATESSA)  
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25(4)717-732, 2 FIGS, 7 TABLES
- 802395** MACCALLUM, W A; JAFFRAY, JUNE I; CHURCHILL, D  
N; IDLER, D R - 1968  
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ITS INFLUENCE ON QUALITY AFTER SINGLE AND  
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25(4)733-755, 10 FIGS, 4 TABLES
- 802396** PARKER, ROBERT R - 1968  
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25(4)757-794, 8 FIGS, 11 TABLES
- 802397** WALDRON, KENNETH D - 1968  
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PINNIGER  
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25(4)801-803, 2 FIGS
- 802398** JOHNSON, CLIFFORD RAY - 1968  
FOOD OF THE BUFFALO SCULPIN, ENOPHRYS BISON  
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25(4)807-812, 3 TABLES
- 802399** GRUCHY, C G; VLADYKOV, V D - 1968  
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- 802400** FRASER, DORIS I; SIMPSON, SYLVIA G; DYER, W J  
1968  
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25(4)817-821, 2 FIGS



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802404	BOUCK, G R; BALL, R C - 1968 COMPARATIVE ELECTROPHORETIC PATTERNS OF LACTATE DEHYDROGENASE IN THREE SPECIES OF TROUT FISH RES BOARD CAN J 25(7)1323-1331, 3 FIGS	802416	ROYER, L M; ATTON, F M; CUERRIER, J-P - 1968 AGE AND GROWTH OF LAKE STURGEON IN THE SASKATCHEWAN RIVER DELTA FISH RES BOARD CAN J 25(7)1511-1516, 4 FIGS, 1 TABLE
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802407	DRYER, WILLIAM R; KING, GEORGE R - 1968 REHABILITATION OF LAKE TROUT IN THE APOSTLE ISLANDS REGION OF LAKE SUPERIOR FISH RES BOARD CAN J 25(7)1377-1403, 5 FIGS, 11 TABLES	802419	HARVEY, H H; HOAR, W S; BOTHERN, C R - 1968 SOUNDING RESPONSE OF THE KOKANEE AND SOCKEYE SALMON FISH RES BOARD CAN J 25(6)1115-1131, 8 FIGS
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	802435	GUPTA, S P; AGRAWAL, VINOD - 1968 PSEUDOPARAMACRODEROIDES SEENGHALI N G, M SP (ALLOCREADIIDAE WALLINIINAE, FROM THE INTESTINE OF FRESH WATER FISH MYSTUS SEENGHALA, SKYES, FROM LUCKNOW, INDIA INDIAN J HELMINTHOL 20(1)70-74, 1 FIG	802447	ABDULLAYEV, M A; ISTAMOVA, V I; KHASANOV, A KH - 1968 THE CARP-BREAM (ABRAMIS BRAMA BERGI GRIB ET VERNIDUB) OF THE KUYU-MAZAR RESERVOIR PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)74-80, 3 FIGS, 8 TABLES
	802436	MALHOTRA, Y R - 1968 ABNORMAL CONDITION OF OVARIES IN SCHIZOTHORAX NIGER HECKEL SCIENCE 34(1)469-470, 2 FIGS	802448	MOROZ, V N - 1968 BIOLOGY OF THE TENCH TINCA TINCA (L) IN THE KILYA CHANNEL, DANUBE DELTA PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)81-89, 1 FIG, 11 TABLES
	802437	KAMAMOTO, TOKIO - 1968 PERMANENCY OF HORMONE-INDUCED REVERSAL OF SEX-DIFFERENTIATION IN THE MEDAKA, ORYZIAS LATIPES ANNOTS ZOOL JAP 41(4)121-129, 1 FIG, 2 TABLES	802449	RYZHKOV, L P - 1968 THE RATE OF GASEOUS EXCHANGE IN THE EGGS, LARVAE AND FRY OF THE SEVAN TROUT KEPT IN GROUPS OR ISOLATED PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)89-96, 3 FIGS, 5 TABLES
	802438	BORODULINA, O D - 1968 TAXONOMY AND DISTRIBUTION OF THE GENUS LEUROGLOSSUS BATHYLAGIDAE, PISCES	802450	GZGZYAN, D M; ZAKS, M G; TANASIYCHUK, O F - 1968 EFFECT OF HISTAMINE AND PITUITRIN 'P' ON THE GASTRIC SECRETION OF THE EUROPEAN CATFISH (SILURUS GLANIS L) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(1)97-100, 4 TABLES

- 802451 NEBOL'SINA, T K - 1968  
DAILY FOOD INTAKE AND FEEDING PATTERN OF THE  
CARP-BREAM (ABRAMIS BRAMA (L)) IN THE VOLGOGRAD  
RESERVOIR  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)101-107, 4 FIGS, 3 TABLES
- 802452 GULIN, V V - 1968  
SOME ASPECTS OF THE PROCEDURE FOR DETERMINING  
THE RELATIVE AGE COMPOSITION OF A COMMERCIAL  
FISH STOCK IN INLAND WATERS  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)107-118, 2 FIGS, 6 TABLES
- 802453 DYGA, A K; ZOLOTAREVA, V I; FEDIN, S I - 1968  
EFFECT OF FOOD INDUSTRY EFFLUENTS ON THE  
ORGANISMS ON WHICH FISHES FEED AND ON THE FISH  
FAUNA OF SAMARA BAY IN THE DNIEPER RESERVOIR  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)119-121, 1 TABLE
- 802454 ORLOV, YU I - 1968  
THE SPACING OF AQUATIC ORGANISMS AS A FACTOR IN  
THEIR TRANSPORTATION  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)122-132, 9 FIGS, 9 TABLES
- 802455 LANGE, N O - 1968  
YE F YEREMEYEV  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)133-134
- 802456 TRUNOV, I A - 1968  
THE WHALEFISH (BARBOURISIA RUFA, FAM  
BARBOURISIIDAE) AND THE FRILLED SHARK  
(CHLAMYDOSELACHUS ANGUINEUS, FAM  
CHLAMYDOSELACHIDAE) FROM SOUTHWEST AFRICAN  
COASTAL WATERS  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)135-138, 3 FIGS
- 802457 IVANOVA-BERG, M M - 1968  
DISCOVERY OF THE SOUTHERN LAMPREY (GEOTRIA  
AUSTRALIS GRAY) IN THE SCOTIA SEA NEAR GEORGIA  
ISLAND  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)138-141, 2 FIGS, 2 TABLES
- 802458 ZOTIN, A I - 1968  
RELATIVE FERTILITY (DEFINITION AND ADAPTIVE  
VARIATION)  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)141-143, 1 FIG
- 802459 POTAPOVA, T L; LEGEDEVA, T V; SHATUNOVSKIY, M I  
1968  
DIFFERENCES IN THE CONDITION OF FEMALES AND  
EGGS OF THE THREE-SPINED  
STICKLEBACK--GASTEROSTEUS ACULEATUS L  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)143-146, 1 FIG, 2 TABLES
- 802460 BAYMOV, U A - 1968  
NUTRITION OF THE ARAL PERCH--PERCA FLUVIATILIS  
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PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)146-149, 2 FIGS, 2 TABLES
- 802461 AMIRKHANOV, G A - 1968  
THE USE OF THE COMPLEMENT FIXATION TEST (CFT)  
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PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(1)149-152, 1 FIG
- 802462 ANONYMOUS - 1968  
ANNU REP UNIV CALIF INST MAR RESOUR YR ENDING  
30 JUNE 1968  
36P, 9 FIGS
- 802463 PALMIERI, GIOVANNI; VEGGETTI, ALBA - 1968  
THE MESENCEPHALIC NUCLEUS OF THE TRIGEMINUS OF  
SOME SPECIES OF REPTILES, AMPHIBIA AND FISHES
- RIV BIOL (PERUGIA)  
61(4)533-578, 25 FIGS  
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- 802464 NOWLAN, SANDRA S; DYER, W J; FRASER, DORIS I  
1968  
PROBLEMS INVOLVED IN THE QUINTATIVE EXTRACTION  
OF GLYCOGEN AND HIGH-ENERGY PHOSPHORUS  
COMPOUNDS IN FROZEN COD MUSCLE  
FISH RES BOARD CAN J  
25(8)1525-1538, 2 FIGS, 8 TABLES
- 802465 TARR, H L A - 1968  
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IN FISH MUSCLE  
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25(8)1539-1554, 3 FIGS, 11 TABLES
- 802466 BILINSKI, E; GARDNER, L J - 1968  
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IN BLOOD PLASMA AND MUSCULAR TISSUES OF RAINBOW  
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FISH RES BOARD CAN J  
25(8)1555-1560, 3 TABLES
- 802467 HOGAN, JAMES W; KNOWLES, CHARLES O - 1968  
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25(8)1571-1579, 2 FIGS, 5 TABLES
- 802468 GOULD, EDITH - 1968  
MALIC ENZYME, EVIDENCE FOR TWO MOLECULAR FORMS  
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FISH RES BOARD CAN J  
25(8)1581-1589, 3 FIGS, 2 TABLES
- 802469 MILES, S G - 1968  
RHEOTAXIS OF ELVERS OF THE AMERICAN EEL  
(ANGUILLA ROSTRATA) IN THE LABORATORY TO WATER  
FROM DIFFERENT STREAMS IN NOVA SCOTIA  
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25(8)1591-1602, 2 FIGS, 3 TABLES
- 802470 HUANG, CHAU-TING; HICKMAN, CLEVELAND P JR  
1968  
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PROTEINS OF TELEOST FISHES  
FISH RES BOARD CAN J  
25(8)1651-1666, 11 FIGS, 4 TABLES
- 802471 BOOKE, HENRY EDWARD - 1968  
CYTOTOXONOMIC STUDIES OF THE COREGONINE FISHES  
OF THE GREAT LAKES, USA: DNA AND KARYOTYPE  
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25(8)1667-1687, 5 FIGS, 6 TABLES
- 802472 KUTTY, METHIL NARAYAN - 1968  
RESPIRATORY QUOTIENTS IN GOLDFISH AND RAINBOW  
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25(8)1689-1728, 16 FIGS, 5 TABLES
- 802473 WEIS, JUDITH SHULMAN - 1968  
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GANGLIA IN TELEOST FISHES  
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25(8)1739-1740, 1 FIG, 1 TABLE
- 802474 LEVINGS, C D - 1968  
FERTILIZED EGGS OF THE BUTTER SOLE, ISOPSETTA  
ISOLEPIS, IN SKIDEGATE INLET, BRITISH COLUMBIA  
FISH RES BOARD CAN J  
25(8)1743-1744
- 802475 BOYD, J W; SOUTHCOTT, B A - 1968  
EVALUATION OF FISH HOMOGENATES FOR USE AS  
SUBSTRATES IN CLOSTRIDIUM BOTULINUM TYPE E  
INVESTIGATIONS  
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	802477	MARTIN, F. DOUGLAS - 1968 INTRASPECIFIC VARIATION IN OSMOTIC ABILITIES OF CYPRINODON VARIEGATUS LACEPEDE FROM THE TEXAS COAST ECOLOGY 49(6):1186-1188. 1 FIG. 1 TABLE	802489	KOSTRICHKINA, YE. M. - 1968 FEEDING OF PREDATORY FISHES IN THE GULF OF RIGA PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):444-452. 4 TABLES
	802478	KARZINKIN, G. S. - 1968 SOME GENERAL VIEWS OF KARL MARX ON SOIL FERTILITY AS REFLECTED IN THE PROBLEM OF THE BIOLOGICAL PRODUCTIVITY OF WATERS PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):335-339	802490	KUZMINA, V. V. - 1968 EFFECT OF DIGESTION ON THE REACTION (PH) OF THE GASTRIC JUICE OF THE BURBOT (LOTA LOTA(L)) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):453-458. 7 TABLES
	802479	TATARKO, K. I. - 1968 THE EFFECT OF TEMPERATURE ON THE MERISTIC CHARACTERS OF FISHES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):339-350. 2 FIGS. 6 TABLES	802491	KOZHIN, N. I.; KOZLOVSKY, D. A. - 1968 AN ECOLOGICAL APPROACH TO THE BREEDING OF FOOD FISHES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):459-460
	802480	SHAPOSHNIKOVA, G. KH. - 1968 A COMPARATIVE MORPHOLOGICAL STUDY OF TAIMEN (HUCHO GUNTHER) AND LENOK (BRACHYMYSTAX GUNTHER) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):351-370. 9 FIGS. 8 TABLES	802492	PARIN, N. V. - 1968 DISCOVERY OF THE BATHYPELAGIC FISH WINTERIA TELESCOPA BRAUER 1901 (FAM OSPISTHOPTERIDAE) IN THE PACIFIC OCEAN PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):461-462. 1 FIG. 1 TABLE
	802481	ZHITENEVA, L. D. - 1968 CHANGES IN THE EXPLOITABLE FAUNA OF FRESHWATER FISHES IN THE BLACK SEA AND AZOV BASINS UNDER THE INFLUENCE OF MAN'S ECONOMIC ACTIVITY (BASED ON ARCHEOLOGICAL MATERIALS) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):370-377. 1 FIG. 5 TABLES	802493	KUKURADZE, A. M. - 1968 EFFECT OF ECOLOGICAL CONDITIONS IN THE SPAWNING PERIOD ON THE SEXUAL CYCLE OF THE PIKE-PERCH (LUCIOPERCA LUCIOPERCA (L)) IN THE KILIYA DELTA OF THE DANUBE PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):463-466. 2 FIGS. 2 TABLES
	802482	TYURIN, P. V. - 1968 UNDERLYING BIOLOGICAL PRINCIPLES OF THE CONTROL OF FISHING IN INLAND WATERS PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):377-391. 2 TABLES	802494	SUKHANOVA, YE. R. - 1968 THE ROLE OF CYCLOPS (ACANTHOCYCLOPS VERNALIS FISCH) IN THE SURVIVAL OF SILVER CARP (HYPHOTHALMICHTHYS) LARVAE PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):467-469. 1 TABLE
	802483	REZNICHENKO, P. N.; GULIDOV, M. V.; KOTLYAREVSKAYA, N. V. - 1968 SURVIVAL OF EGGS OF THE TENCH TINCA (L) INCUBATED AT CONSTANT TEMPERATURES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):391-397. 4 TABLES	802495	SOROKIN, V. N. - 1968 BIOLOGY OF THE YOUNG BURBOT LOTA LOTA (L) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):469-473. 6 FIGS. 1 TABLE
	802484	SAUSKAN, V. I.; SEREBRYAKOV, V. P. - 1968 REPRODUCTION AND DEVELOPMENT OF THE SILVER HAKE (MERLUCCIIUS BILINEARIS MITCHELL) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):398-414. 11 FIGS. 5 TABLES	802496	KONCHINA, YU. V. - 1968 THE FOOD OF WHITEFISH AND GRAYLINGS IN THE AREA OF THE USHKAN'I ISLANDS, LAKE BAYKAL PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):474-478. 5 TABLES
	802485	MOROZ, V. N. - 1968 DESCRIPTION OF THE SPAWNING STOCK, SPAWNING AND FERTILITY OF CARP FROM THE KILIYA DELTA OF THE DANUBE PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):414-422. 1 FIG. 11 TABLES	802497	BRUMMETT, ANNA RUTH - 1968 DELETION-TRANSPLANTATION EXPERIMENTS ON EMBRYOS OF FUNDULUS HETEROCLOTUS, I. THE POSTERIOR EMBRYONIC SHIELD J EXP ZOO 169(3):315-334. 7 FIGS. 1 TABLE
	802486	YELIZAROV, G. A. - 1968 STATE OF THE OVERWINTERING STOCK OF STURGEONS IN THE LOWER VOLGA PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):422-430. 2 FIGS. 10 TABLES	802498	VAN DEN NIEUWENHUIZEN, AREND - 1968 DIE PURPURKOPFBARBE MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(12):400-403. 12 FIGS
	802487	TUGARINA, P. YA. - 1968 FEEDING AND GROWTH OF THE YOUNG OF THE YELLOWWING SCULPIN COTTOCOMEPHORUS GREWINGKI DYB. IN LAKE BAYKAL PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(3):430-438. 2 FIGS. 9 TABLES	802499	LUTZEL, UDO - 1968 AUCH WELSE BAUEN SCHAUMNESTER MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(12):404-405
	802488	MEDANI, YU. I. - 1968 FEEDING OF DISTICHODUS NILOTICUS (L) AND D	802500	STALLKNECHT, HELMUT - 1968 GESCHLECHTSUNTERSCHIEDE BEIM SCHOKOLADENGURAMI MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN 15(12):406-407. 2 FIGS
			802501	GODOLLO, PETER HORN - 1968

- FORTPFLANZUNGSFAHIGE SIAMESISCHE ZWILLINGE BEIM POECILIA RETICULATA**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(12)407-409, 3 FIGS
- 802502** GODOLLO, PETER HORN - 1968  
**DER SIMPSON-SCHWERTTRAGER UND SEINE ZUCHTUNGSTECHNIK**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(12)409-411, 2 FIGS
- 802503** ZUKAL, RUDA - 1968  
**CICHLASOMA NIGROFASCIATUM ALBINO**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(12)416-417, 6 FIGS
- 802504** FORMAN, W WAYNE - 1968  
**NOTES ON THE ECOLOGY OF SIX SPECIES OF CYPRINODONTID FISHES FROM GRAND TERRE, LOUISIANA**  
PROC LA ACAD SCI  
31:39-40
- 802505** DOUGLAS, NEIL H - 1968  
**NEW RECORD SIZE FOR DARTERS**  
PROC LA ACAD SCI  
31:41-42, 1 FIG
- 802506** FOX, LAWRENCE S; MOCK, WOODROW R JR - 1968  
**SEASONAL OCCURRENCE OF FISH IN TWO SHORE HABITATS IN BARATARIA BAY, LOUISIANA**  
PROC LA ACAD SCI  
31:43-53, 1 FIG, 7 TABLES
- 802507** HUNER, JAY V. - 1968  
**USE OF FINTRIOLO TO CONTROL UNDESIRABLE FISHES IN SHRIMP-OYSTER PONDS**  
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13:58-61, 1 TABLE
- 802508** DAY, JOHN W JR - 1968  
**A TIDAL RHYTHM IN THE SUSCEPTIBILITY OF FUNDULUS SIMILIS TO SODIUM CHLORIDE AND ENDRIN**  
PROC LA ACAD SCI  
31:62-64
- 802509** GERY, JACQUES - 1968  
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ZOO ANZ  
181(3/4)161-168
- 802510** SADOWSKY, VICTOR - 1968  
**ON THE MEASUREMENT OF THE TOTAL LENGTH OF SHARKS**  
ZOO ANZ  
181(3/4)197-199, 1 FIG
- 802511** PIWERNETZ, DIETER - 1968  
**ZUR ENTWICKLUNG DER SCHWANZFLOSSENANLAGE BEI HECHTLARVEN**  
ZOO ANZ  
181(3/4)199-203, 4 FIGS
- 802512** HAIDER, GERHARD - 1968  
**VERGLEICHENDE UNTERSUCHUNGEN ZUR BLUTMORPHOLOGIE UND HAMATOPOESE EINIGER TELEOSTIER, IV, BLUTBILDUNGSSTATTEN UND BLUTBILDUNG**  
ZOO ANZ  
181(3/4)203-226, 10 FIGS, 2 TABLES
- 802513** GAUBA, RAJ K - 1968  
**ON THE MORPHOLOGY OF THE SKULL OF CATFISH PSEUDOCHENEIS SULCATUS**  
ZOO ANZ  
181(3/4)226-236, 35 FIGS
- 802514** CHAKRABARTI, K K - 1968
- ON A NEW STREIGID METACERCARIA, DIPLOSTOMULUM CEREBRALIS N SP, FROM AN INDIAN FRESH WATER FISH**  
ZOO ANZ  
181(3/4)303-306, 2 FIGS
- 802515** CHAKRABARTI, K K - 1968  
**ON A NEW GASTEROSTOME METACERCARIA, BUCEPHALOPSIS PENTAGLANDULATA N SP, FROM AN INDIAN FRESH WATER FISH**  
ZOO ANZ  
181(3/4)307-312, 3 FIGS
- 802516** KAWANABE, HIROYA; SAITO, TOKO TEZUKA; SUNAGA, TETSUO; MAKI, IWAQ; AZUMA, MIKIO - 1968  
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(4/5)45-73, 6 FIGS, 10 TABLES
- 802517** SCHMIDT, WERNER - 1968  
**VERGLEICHEND MORPHOLOGISCHE STUDIE UBER DIE OTOLITHEN MARINER KNOCHENFISCHE**  
ARCH FISCHEREIWISS  
19(SUPPL)1-96, 184 FIGS
- 802518** PARKER, RICHARD A - 1968  
**SIMULATION OF AN AQUATIC ECOSYSTEM**  
BIOMETRICS  
24(4)803-821, 9 FIGS, 3 TABLES
- 802519** STICKEL, LUCILLE F - 1968  
**ORGANOCHLORINE PESTICIDES IN THE ENVIRONMENT**  
US FISH WILDLIFE SERV SPEC SCI REP WILDLIFE  
(119)IV + 32P, 4 TABLES
- 802520** BERG, ANDRE - 1968  
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MEM IST ITAL IDROBIOL DOTT MARCO DE MARCHI PALLANZA ITALY  
23:161-196, 9 FIGS, 11 TABLES
- 802521** LINDSTROM, THOROLF - 1968  
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20(3/4)113-123, 6 FIGS, 1 TABLE  
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- 802522** LINDSTROM, THOROLF - 1968  
**PAVISAD FORTPLANTNING HOS INDIANLAX I SVERIGE**  
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30(3/4)123
- 802523** HEWITT, G C - 1968  
**CECROPS LATREILLII LEACH (CECROPIDAE, COPEPODA) ON MOLA MOLA IN NEW ZEALAND WATERS**  
REC DOMINION MUS WELLINGTON  
6(5)49-59, 23 FIGS
- 802524** BORGSTROM, REIDAR; HALVORSEN, ODD - 1968  
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NYTT MAG ZOO (OSLO)  
16(1)20-23, 1 FIG, 2 TABLES
- 802525** HALVORSEN, ODD - 1968  
**STUDIES OF THE HELMINTH FAUNA OF NORWAY, XII, AZYGIA LUCII (MULLER, 1776) (DIGenea, AZYGIDAE) IN PIKE (ESOX LUCIUS L) FROM BOGSTAD LAKE, AND A NOTE ON ITS OCCURRENCE IN LAKE AND RIVER HABITATS**  
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16(1)29-38, 5 FIGS, 8 TABLES
- 802526** WESTIN, LARS - 1968  
**ENVIRONMENTALLY DETERMINED VARIATION IN THE ROE COLOUR IN THE FOURHORN SCULPIN MYOXOCEPHALUS QUADRICORNIS (L)**

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- 802527 DOWNS, THEODORE - 1968  
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- 802528 BLUM, VOLKER - 1968  
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HORMONINDUZIERTER BRUTPFLEGEREAKTIONEN BEIM  
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Z VERGL PHYSIOL  
61(1)21-33, 2 FIGS
- 802529 IVERSEN, E S - 1968  
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THE GARDEN CITY PRESS LIMITED: LETCHWORTH,  
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- 802530 SRIVASTAVA, GOPAL JI - 1968  
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- 802531 FOERSTER, R E - 1968  
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FISHERIES RESEARCH BOARD OF CANADA: OTTAWA, XV  
+ 422P, ILLUS
- 802532 JENNINGS, TERRY - 1968  
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LAKE  
PROC IOWA ACAD SCI  
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- 802533 WELKER, BILL D - 1968  
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CHANNELED AND UNCHANNELED SECTIONS OF THE  
LITTLE SIOUX RIVER, IOWA  
PROC IOWA ACAD SCI  
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- 802534 ZACH, LARRY V - 1968  
FISH DISTRIBUTION IN SKUNK RIVER DRAINAGE ABOVE  
AMES  
PROC IOWA ACAD SCI  
74:105-116, 5 FIGS, 1 TABLE
- 802535 LAIRD, EDWARD CHARLES - 1968  
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CORAL REEFS OF JAMAICA  
PROC IOWA ACAD SCI  
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- 802536 GUPTA, N K; LATA, VISHW - 1968  
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VERTEBRATE HOSTS IN INDIA  
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18(3/4)253-268, 19 FIGS, 4 TABLES
- 802537 TANDON, K K; MENON, P K B; SAREEN, M L - 1968  
ON THE MARINE FAUNA OF GOA, A PRELIMINARY  
SURVEY, PART 2, FISHES  
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- 802538 GUPTA, N K; LATA, VISHW - 1968  
OBSERVATIONS ON EIGHT ALREADY KNOWN  
ACANTHOCEPHALAN PARASITES FROM VERTEBRATE HOSTS  
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- 802539 GUPTA, N K; KHULLAR, MANORMA - 1968  
ON A NEW SPECIES OF MONOGENEA, PARAMAZOCRAES  
KAZIKODIENSIS N SP (MAZOCRAEIDAE) FROM AN  
INDIAN MARINE FOOD FISH AT CALICUT (INDIA)  
RES BULL PANJAB UNIV SCI  
18(3/4)409-411, 4 FIGS
- 802540 GUPTA, N K; KHULLAR, MANORMA - 1968  
ON A NEW MONOGENETIC TREMATODE, LAMELLODISCUS  
MINOUSI N SP, (DIPLECTANIDAE) FROM GILLS OF THE  
MARINE FOOD FISH AT BOMBAY (INDIA)  
RES BULL PANJAB UNIV SCI  
18(3/4)429-431, 5 FIGS
- 802541 DHINGRA, O P; VASISHT, H S - 1968  
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- 802542 WHITEHEAD, PETER J P - 1968  
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- 802544 SCOTT, J S - 1968  
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MATURITY OF OFFSHORE SAND LAUNCE (AMMODYTES  
DUBIUS) ON THE NOVA SCOTIA BANKS  
FISH RES BOARD CAN J  
25(9)1775-1785, 4 FIGS, 5 TABLES
- 802545 MACEK, KENNETH J - 1968  
REPRODUCTION IN BROOK TROUT (SALVELINUS  
FONTINALIS) FED SUBLETHAL CONCENTRATIONS OF DDT  
FISH RES BOARD CAN J  
25(9)1787-1796, 1 FIG, 4 TABLES
- 802546 GAKSTATTER, JACK H - 1968  
RATES OF ACCUMULATION OF 14C-DIELDRIN RESIDUES  
IN TISSUES OF GOLDFISH EXPOSED TO A SINGLE  
SUBLETHAL DOSE OF 14C-ALDRIN  
FISH RES BOARD CAN J  
25(9)1797-1801, 3 TABLES
- 802547 LEGAULT, ROMEO-O; DELISLE, CLAUDE - 1968  
LA FRAYE D'UNE POPULATION D'EPERLANS GEANTS,  
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DE GATINEAU, QUEBEC  
FISH RES BOARD CAN J  
25(9)1813-1830, 7 FIGS, 7 TABLES  
WITH ENGLISH SUMMARY
- 802548 SIMARD, ANDRE; MAGNIN, ETIENNE - 1968  
AGE ET CROISSANCE DU MASKINONGE, ESOX  
MASQUINONGY, DANS QUATRE LACS DU QUEBEC  
FISH RES BOARD CAN J  
25(9)1831-1842, 4 FIGS, 5 TABLES  
WITH ENGLISH SUMMARY
- 802549 JOHNSTON, C E; EALES, J G - 1968  
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GUANINE AND HYPOXANTHINE LEVELS IN SKIN AND  
SCALES OF ATLANTIC SALMON (SALMO SALAR) DURING  
PARR-SMOLT TRANSFORMATION  
FISH RES BOARD CAN J  
25(9)1901-1909, 4 FIGS, 2 TABLES
- 802550 SWEERS, H E - 1968  
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25(9)1911-1922, 3 FIGS
- 802551 PARKER, ROBERT R; KABATA, Z; MARGOLIS, L;  
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MULLER, 1785 (CALIGIDAE, COPEPODA), TYPE  
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802552	GODFREY, H; WORLUND, D D; BILTON, H T - 1968 TESTS ON THE ACCURACY OF AGEING CHINOOK SALMON (ONCORHYNCHUS TSHAWYTSCHA) FROM THEIR SCALES FISH RES BOARD CAN J 25(9)1971-1982, 8 TABLES	802555	MILES, S G - 1968 LABORATORY EXPERIMENTS ON THE ORIENTATION OF THE ADULT AMERICAN EEL, ANGUILLA ROSTRATA FISH RES BOARD CAN J 25(10)2143-2155, 3 FIGS, 2 TABLES	802552 - 802578
802553	MCCAULEY, ROBERT W - 1968 SUGGESTED PHYSIOLOGICAL INTERACTION AMONG RAINBOW TROUT FINGERLINGS UNDERGOING THERMAL STRESS FISH RES BOARD CAN J 25(9)1983-1986, 3 TABLES	802566	JONAS, R E E - 1968 DISSOLUTION OF FISH MUSCLE HOMOGENATES BY LYSOLECITHIN FISH RES BOARD CAN J 25(10)2157-2164, 1 FIG, 3 TABLES	
802554	LINDSEY, C C - 1968 TEMPERATURES OF RED AND WHITE MUSCLE IN RECENTLY CAUGHT MARLIN AND OTHER LARGE TROPICAL FISH FISH RES BOARD CAN J 25(9)1987-1992, 2 FIGS	802567	MURRAY, A R - 1968 SMOLT SURVIVAL AND ADULT UTILIZATION OF LITTLE CODROY RIVER, NEWFOUNDLAND, ATLANTIC SALMON FISH RES BOARD CAN J 25(10)2165-2218, 9 FIGS, 19 TABLES	
802555	TURNER, C E; BILTON, H T - 1968 ANOTHER PINK SALMON (ONCORHYNCHUS GORBUSCHA) IN ITS THIRD YEAR FISH RES BOARD CAN J 25(9)1993-1996, 2 FIGS, 2 TABLES	802568	SHERI, A N; POWER, G - 1968 REPRODUCTION OF WHITE PERCH, ROCCUS AMERICANUS, IN THE BAY OF QUINTE, LAKE ONTARIO FISH RES BOARD CAN J 25(10)2225-2231, 1 FIG, 4 TABLES	
802556	SINCLAIR, D C - 1968 DIEL LIMNETIC OCCURRENCE OF YOUNG COTTUS ASPER IN TWO BRITISH COLUMBIA LAKES FISH RES BOARD CAN J 25(9)1997-2000, 1 FIG, 1 TABLE	802569	DUNCAN, RICHARD N; DONALDSON, IVAN J - 1968 TATTOO-MARKING OF FINGERLING SALMONIDS WITH FLUORESCENT PIGMENTS FISH RES BOARD CAN J 25(10)2233-2236, 1 TABLE	
802557	ALI, M A; ANCTIL, M - 1968 CORRELATION ENTRE LA STRUCTURE RETINIENNE ET L'HABITAT CHEZ STIZOSTEDION VITREUM VITREUM ET S.CANADENSE FISH RES BOARD CAN J 25(9)2001-2003, 1 FIG	802570	PLETCHER, F T - 1968 A SUBCUTANEOUS DART TAG FOR FISH FISH RES BOARD CAN J 25(10)2237-2240, 3 FIGS	
802558	REIMERS, PAUL E - 1968 SOCIAL BEHAVIOR AMONG JUVENILE FALL CHINOOK SALMON FISH RES BOARD CAN J 25(9)2005-2008	802571	KENNEDY, W A - 1968 EFFECT OF THE FP-66 TAG ON SABLEFISH GROWTH FISH RES BOARD CAN J 25(10)2247-2249, 1 TABLE	
802559	SMITH, M W - 1968 FERTILIZATION AND PREDATOR CONTROL TO INCREASE GROWTH RATE AND YIELD OF TROUT IN A NATURAL LAKE FISH RES BOARD CAN J 25(10)2011-2036, 1 FIG, 14 TABLES	802572	BRADFORD, CRAIG S; GRUNDMANN, ALBERT W - 1968 LERNAEA CYPRINACEA LINN, A PARASITIC COPEPOD INFECTING FISH IN UTAH WATERS PROC UTAH ACAD SCI ARTS LETT 45(1)128-129	
802560	ANDERSON, MARGARET L; RAVESI, ELINOR M - 1968 RELATION BETWEEN PROTEIN EXTRACTABILITY AND FREE FATTY ACID PRODUCTION IN COD MUSCLE AGED IN ICE FISH RES BOARD CAN J 25(10)2059-2069, 7 FIGS, 2 TABLES	802573	BUDD, J C; FRY, F E J; SMITH, J B - 1968 SURVIVAL OF MARKED LAKE TROUT IN LAKE MANITOU, MANITOULIN ISLAND, ONTARIO FISH RES BOARD CAN J 25(11)2257-2268, 4 FIGS, 5 TABLES	
802561	POWER, H E; SINCLAIR, R; SAVAGAON, K - 1968 USE OF EDTA COMPOUNDS FOR THE PRESERVATION OF HADDOCK FILLETS FISH RES BOARD CAN J 25(10)2071-2082, 5 FIGS, 6 TABLES	802574	GREER, G L; PAIM, U - 1968 DEGRADATION OF DDT IN ATLANTIC SALMON (SALMO SALAR) FISH RES BOARD CAN J 25(11)2321-2326, 1 FIG	
802562	ADDISON, R F; ACKMAN, R G; HINGLEY, J - 1968 DISTRIBUTION OF FATTY ACIDS IN COD FLESH LIPIDS FISH RES BOARD CAN J 25(10)2083-2090, 4 TABLES	802575	CUSHING, D H - 1968 DIRECT ESTIMATION OF A FISH POPULATION ACOUSTICALLY FISH RES BOARD CAN J 25(11)2349-2364, 11 FIGS	
802563	QADRI, S U - 1968 GROWTH AND REPRODUCTION OF THE LAKE WHITEFISH, COREGONUS CLUPEAIFORMIS, IN LAC LA RONGE, SASKATCHEWAN FISH RES BOARD CAN J 25(10)2091-2100, 1 FIG, 3 TABLES	802576	VAN DER LAND, JACOB; TEMPLEMAN, WILFRED - 1968 TWO NEW SPECIES OF GYROCYTLE (MONOGENEA) FROM HYDROLAGUS AFFINIS (BRITO CAPELLO) (HOLOCEPHALI) FISH RES BOARD CAN J 25(11)2365-2385, 33 FIGS, 4 TABLES	
802564	HOGMAN, WALTER J - 1968 ANNULUS FORMATION ON SCALES OF FOUR SPECIES OF COREGONIDS REARED UNDER ARTIFICIAL CONDITIONS FISH RES BOARD CAN J 25(10)2111-2122, 6 FIGS, 2 TABLES	802577	SYMONS, PHILIP E K - 1968 INCREASE IN AGGRESSION AND IN STRENGTH OF THE SOCIAL HIERARCHY AMONG JUVENILE ATLANTIC SALMON DEPRIVED OF FOOD FISH RES BOARD CAN J 25(11)2387-2401, 2 FIGS, 7 TABLES	
		802578	VANSTONE, W E; MARKERT, J R - 1968 SOME MORPHOLOGICAL AND BIOCHEMICAL CHANGES IN COHO SALMON, ONCORHYNCHUS KISUTCH, DURING	

- PRE-SMOLT TRANSFORMATION**  
FISH RES BOARD CAN J  
25(11)2403-2418, 7 FIGS, 3 TABLES
- 802579 WHITE, H C; MEDCOF, J C - 1968  
**ATLANTIC SALMON SCALES AS RECORDS OF SPAWNING HISTORY**  
FISH RES BOARD CAN J  
25(11)2439-2441, 3 FIGS
- 802580 MACEK, KENNETH J - 1968  
**GROWTH AND RESISTENCE TO STRESS IN BROOK TROUT FED SUBLETHAL LEVELS OF DDT**  
FISH RES BOARD CAN J  
25(11)2443-2451, 1 FIG, 2 TABLES
- 802581 ALLEN, RICHARD L; MEEKIN, THOMAS K; PAULEY, GILBERT B; FUJIHARA, M PAUL - 1968  
**MORTALITY AMONG CHINOOK SALMON ASSOCIATED WITH THE FUNGUS DERMOCYSTIDIUM**  
FISH RES BOARD CAN J  
25(11)2467-2475, 4 FIGS, 2 TABLES
- 802582 TSUYUKI, H; ROBERTS, E; LOWES, R H; HADAWAY, W; WESTRHEIM, S J - 1968  
**CONTRIBUTION OF PROTEIN ELECTROPHORESIS TO ROCKFISH (SCORPAENIDAE) SYSTEMATICS**  
FISH RES BOARD CAN J  
25(11)2477-2501, 4 FIGS, 10 TABLES
- 802583 HOURSTON, A S - 1968  
**ABNORMAL CESSATION OF GROWTH IN A HERRING OTOLITH**  
FISH RES BOARD CAN J  
25(11)2503-2504, 1 FIG
- 802584 WESTRHEIM, S J - 1968  
**FIRST RECORDS OF THREE ROCKFISH SPECIES (SEBASTODES AURORA, S. CILIATUS, AND SEBASTOLOBUS ALTIVELIS) FROM WATERS OFF BRITISH COLUMBIA**  
FISH RES BOARD CAN J  
25(11)2509-2512, 3 FIGS
- 802585 OWENS, EBEN L; GEBHARDT, GARY A - 1968  
**A RAPID MARKING TECHNIQUE FOR IDENTIFICATION OF INDIVIDUAL FISH**  
FISH RES BOARD CAN J  
25(11)2519-2520, 3 FIGS
- 802586 LAWLER, G H - 1968  
**TRIAENOPHORUS NODULOSUS IN BURBOT, LOTA LOTA, FROM HEMING LAKE, MANITOBA**  
FISH RES BOARD CAN J  
25(11)2523-2524, 1 TABLE
- 802587 SANTOS, RUBENS DA SILVA; VALENCA, JOEL GOMES 1968  
**A FORMACAO SANTANA E SUA PALEOICCTIOFAUNA**  
AN ACAD BRASIL CIENC  
40(3)339-360, 11 FIGS, 3 TABLES  
WITH ENGLISH SUMMARY
- 802588 KARMARKAR, S P; GAZDAR, G S - 1968  
**STUDIES ON THE STING-RAY, DASYATIS UARNAK FORSK. - I BLOOD CELLS**  
J UNIV BOMBAY  
37(64)56-64, 20 FIGS
- 802589 KLAUSEWITZ, WOLFGANG - 1968  
**FISCHE AUS DEM ROTEN MEER, IX, PSEUDOCROMIS FRIDMANI N SP AUS DEM GOLF VON AQABA (PISCES, OSTEICHTHYES, PSEUDOCROMIDAE)**  
SENCKENBERGIANA BIOL  
49(6)443-450, 3 FIGS
- 802590 PRICE, CHARLES E; YURKIEWICZ, WILLIAM J - 1968  
**THE MONOGENEAN PARASITES OF AFRICAN FISHES, VII. A RE-EVALUATION OF THE GENUS DOGIELIUS BYCHOWSKY, 1936, WITH THE DESCRIPTION OF A NEW SPECIES**  
REV IBER PARASITOL  
28(4)467-472, 1 FIG
- 802591 DE GODOY, M P - 1968  
**NOVA ESPECIE DE STERNARCHELLA EIGENMANN (PISCES, GYMNONOTI, STERNARCHIDAE)**  
REV BRASIL BIOL  
28(4)351-355, 5 FIGS  
WITH ENGLISH SUMMARY
- 802592 AMATO, JOSE FELIPE RIBEIRO - 1968  
**CONTRIBUICAO AO CONHECIMENTO DA FAUNA HELMINTOLOGICA DO RIO GRANDE DO SUL, UM NOVO PARASITO DE PEIXE CASCUDO 'PLECOSTOMUS COMMERSONI' (CUV & VAL) (TREMATODA, HEMIUROIDEA)**  
REV BRASIL BIOL  
28(4)433-438, 5 FIGS, 1 TABLE  
WITH ENGLISH SUMMARY
- 802593 BERTMAR, GUNNAR - 1968  
**PHYLOGENY AND EVOLUTION IN LUNGFISHES**  
ACTA ZOOL (STOCKHOLM)  
49(3)189-201, 5 FIGS
- 802594 NYMAN, LENNART; WESTIN, LARS - 1968  
**SPONTANEOUS HYBRIDIZATION IN COTTIDAE**  
ACTA ZOOL (STOCKHOLM)  
49(3)219-226, 3 FIGS, 1 TABLE
- 802595 RASTOGI, RAKESH K - 1968  
**THE OCCURRENCE AND SIGNIFICANCE OF FOLLICULAR ATRESIA IN THE CATFISH, MYSTUS TENGARA (HAM) (TELEOSTEI)**  
ACTA ZOOL (STOCKHOLM)  
49(3)307-319, 18 FIGS
- 802596 MACCRIMMON, HUGH R; MARSHALL, T L - 1968  
**WORLD DISTRIBUTION OF BROWN TROUT, SALMO TRUTTA**  
FISH RES BOARD CAN J  
25(12)2527-2548, 6 FIGS, 4 TABLES
- 802597 IDLER, D R; SZEPLAKI, B J - 1968  
**INTERRENALECTOMY AND STRESS IN RELATION TO SOME BLOOD COMPONENTS OF AN ELASMOBRANCH (RAJA RADIATA)**  
FISH RES BOARD CAN J  
25(12)2549-2560, 1 FIG, 3 TABLES
- 802598 FITCH, JOHN E; BROWNELL, ROBERT L JR - 1968  
**FISH OTOLITHS IN CETACEAN STOMACHS AND THEIR IMPORTANCE IN INTERPRETING FEEDING HABITS**  
FISH RES BOARD CAN J  
25(12)2561-2574, 3 FIGS, 3 TABLES
- 802599 SEMAKULA, S N; LARKIN, P A - 1968  
**AGE, GROWTH, FOOD, AND YIELD OF THE WHITE STURGEON (ACIPENSER TRANSMONTANUS) OF THE FRASER RIVER, BRITISH COLUMBIA**  
FISH RES BOARD CAN J  
25(12)2589-2602, 9 FIGS, 4 TABLES
- 802600 HART, J S - 1968  
**RESPIRATION OF THE WINNIPEG GOLDEYE (HIDION ALOSIDES)**  
FISH RES BOARD CAN J  
25(12)2603-2608, 2 FIGS, 1 TABLE
- 802601 MOUNIB, M S; HWANG, P C; IDLER, D R - 1968  
**CRYOGENIC PRESERVATION OF ATLANTIC COD (GADUS MORHUA) SPERM**  
FISH RES BOARD CAN J  
25(12)2623-2632, 5 TABLES
- 802602 MCDERMOTT, L A; BERST, A H - 1968  
**EXPERIMENTAL PLANTINGS OF BROOK TROUT (SALVELINUS FONTINALIS) FROM FURUNCULOSIS-INFECTED STOCK**  
FISH RES BOARD CAN J  
25(12)2643-2649, 3 TABLES
- 802603 WILKINS, N P - 1968  
**MULTIPLE HAEMOGLOBINS OF THE ATLANTIC SALMON (SALMO SALAR)**  
FISH RES BOARD CAN J  
25(12)2651-2663, 6 FIGS, 3 TABLES



802604	DAY, DONALD S; PEARCY, WILLIAM G - 1968 SPECIES ASSOCIATIONS OF BENTHIC FISHES ON THE CONTINENTAL SHELF AND SLOPE OFF OREGON FISH RES BOARD CAN J 25(12)2665-2675, 3 FIGS, 3 TABLES	802617	WILES, MICHAEL - 1968 POSSIBLE EFFECTS OF THE HARBOUR SEAL BOUNTY ON CODWORM INFESTATIONS OF ATLANTIC COD IN THE GULF OF ST LAWRENCE, THE STRAIT OF BELLE ISLE, AND THE LABRADOR SEA FISH RES BOARD CAN J 25(12)2749-2753, 1 FIG, 1 TABLE	802604 - 802630
802605	ANDERSON, JOHN M - 1968 EFFECT OF SUBLETHAL DDT ON THE LATERAL LINE OF BROOK TROUT, SALVELINUS FONTINALIS FISH RES BOARD CAN J 25(12)2677-2682, 2 FIGS	802618	BREZINOVA, DRAHOMIRA; LOSOS, LUDVIK; MAJZNER, ZDENEK - 1968 METHOD OF THE REPRODUCTION OF SILICIOUS CASTS IN PALEONTOLOGICAL MATERIAL SB NAR MUS PRAZE 24(1)89-92, 6 FIGS IN GERMAN WITH ENGLISH SUMMARY	
802606	WITHLER, F C; MORLEY, R B - 1968 EFFECTS OF CHILLED STORAGE ON VIABILITY OF STORED OVA AND SPERM OF SOCKEYE AND PINK SALMON FISH RES BOARD CAN J 25(12)2695-2699, 2 FIGS	802619	MORENO, G; REVUELTA, G - 1968 UN NUEVO PEZ EN AGUAS CONTINENTALES CHILENAS, CNSTEREDON DECEMMACULATUS (JENYNS) 1842 NOTIC MENSUAL MUS NAC HIST NATUR 12(143)8-11, 1 FIG	
802607	ALLEN, K RADWAY - 1968 SIMPLIFICATION OF A METHOD OF COMPUTING RECRUITMENT RATES FISH RES BOARD CAN J 25(12)2701-2702	802620	TERMIER, HENRI; TERMIER, GENEVIEVE - 1968 BIOLOGIE ET ECOLOGIE DES PREMIERS FOSSILES, MONOGRAPHIE 8 MASSON ET CIE, EDEITEURS: PARIS, 213P, ILLUS	
802608	REISMAN, HOWARD M - 1968 REPRODUCTIVE ISOLATING MECHANISMS OF THE BLACKSPOTTED STICKLEBACK, GASTEROSTEUS WHEATLANDI FISH RES BOARD CAN J 25(12)2703-2706	802621	ROMER, ALFRED S - 1968 NOTES AND COMMENTS ON VERTEBRATE PALEONTOLOGY THE UNIVERSITY OF CHICAGO PRESS: CHICAGO AND LONDON, VIII + 304P	
802609	BECKETT, J S - 1968 NEW RECORDS OF THE BARNACLE CONCHODERMA VIRGATUM IN THE NORTHWEST ATLANTIC FISH RES BOARD CAN J 25(12)2707-2710, 1 FIG, 1 TABLE	802622	SCHMALHAUSEN, I I - 1968 THE ORIGIN OF TERRESTRIAL VERTEBRATES ACADEMIC PRESS: NEW YORK AND LONDON, XXI + 314P, ILLUS	
802610	GOSSELIN-REY, C; HAMOIR, G; SCOPES, R K - 1968 LOCALIZATION OF CREATINE KINASE IN THE STARCH-GEL AND MOVING-BOUNDARY ELECTROPHORETIC PATTERNS OF FISH MUSCLE FISH RES BOARD CAN J 25(12)2711-2714, 3 FIGS	802623	GRAY, JAMES - 1968 ANIMAL LOCOMOTION W W NORTON & COMPANY, INC: NEW YORK, XI + 479P, ILLUS	
802611	SCOPES, R K; GOSSELIN-REY, C - 1968 POLYMORPHISM IN CARP MUSCLE CREATINE KINASE FISH RES BOARD CAN J 25(12)2715-2716, 1 FIG	802624	LELEK, ANTONIN - 1968 THE VERTICAL DISTRIBUTION OF FISHES IN THE EBO STREAM AND NOTES TO THE FISH OCCURRENCE IN THE LAKE BOSUMTWI, ASHANTI, GHANA ZOO LISTY 17(3)245-252, 4 FIGS, 2 TABLES	
802612	GARSDIE, E T; JORDAN, C M - 1968 UPPER LETHAL TEMPERATURES AT VARIOUS LEVELS OF SALINITY IN THE EURYHALINE CYPRINODONTIDS FUNDULUS HETEROCLOTUS AND F. DIAPHANUS AFTER ISOSMOTIC ACCLIMATION FISH RES BOARD CAN J 25(12)2717-2720, 1 TABLE	802625	LUSK, STANISLAV - 1968 SEXUAL MATURITY, SEX RATIO AND FECUNDITY IN THE BROWN TROUT SALMO TRUTTA M FARIO L, IN THE LOUCKA RIVER ZOO LISTY 17(3)253-268, 2 FIGS, 5 TABLES	
802613	BARRETT, B E - 1968 FIRST OCCURRENCE OF GREENLAND HALIBUT (REINHARDTIUS HIPPOGLOSSOIDES) IN THE BAY OF FUNDY FISH RES BOARD CAN J 25(12)2721-2722	802626	PENAZ, MILAN - 1968 DEVELOPMENT OF THE CHUB, LEUCISCUS CEPHALUS (LINNAEUS, 1758) IN THE POSTHATCHING PERIOD ZOO LISTY 17(3)269-278, 4 FIGS, 1 TABLE	
802614	ENNIS, G P - 1968 OCCURRENCES OF THE STAGHORN SCULPIN (GYMNOCANTHUS TRICUSPIS) IN NEWFOUNDLAND WATERS FISH RES BOARD CAN J 25(12)2729-2731, 1 FIG, 1 TABLE	802627	MCCARTNEY, WILLIAM - 1968 OLFACTION AND ODOURS, AN OSPHRESIOLOGICAL ESSAY SPRINGER-VERLAG: BERLIN AND HEIDELBERG, VIII + 249P	
802615	DELISLE, CLAUDE; VAN VLIET, W - 1968 FIRST RECORDS OF THE SCULPINS MYOXOCEPHALUS THOMPSONII AND COTTUS RICEI FROM THE OTTAWA VALLEY, SOUTHWESTERN QUEBEC FISH RES BOARD CAN J 25(12)2733-2737, 1 FIG, 2 TABLES	802628	YOUNGBLUTH, MARSH J - 1968 ASPECTS OF THE ECOLOGY AND ETHOLOGY OF THE CLEANING FISH, LABROIDES PHTHIROPHAGUS RANDALL Z TIERPSYCHOL 25(8)915-932, 8 FIGS, 5 TABLES	
802616	PIENAAR, L V; RICKER, W E - 1968 ESTIMATING MEAN WEIGHT FROM LENGTH STATISTICS FISH RES BOARD CAN J 25(12)2743-2747, 2 TABLES	802629	SCHLICHTER, DIETRICH - 1968 DAS ZUSAMMENLEBEN VON RIFFANEMONEN UND ANEMONENFISCHEN Z TIERPSYCHOL 25(8)933-954, 5 FIGS, 2 TABLES WITH ENGLISH SUMMARY	
		802630	SWAN, M A - 1968	

- DOUBLE-MOUTH DEFORMITY IN A TROUT (SALMO TRUTTA) AND ITS CAUSE**  
J ZOOL PROC ZOOL SOC LONDON  
156(4)449-455, 2 FIGS
- 802631** DZWILLO, M - 1968  
**SPEZIATION ALS PROBLEM DER GENETIK**  
ZOOL ANZ  
181(1/2)39-50, 4 FIGS
- 802632** PANT, M C - 1968  
**THE PROCESS OF ATRESIA AND THE FATE OF THE DISCHARGED FOLLICLE IN THE OVARY OF GLYPTOTHORAX PECTINOPTERUS**  
ZOOL ANZ  
181(1/2)153-160, 14 FIGS
- 802633** HOGNESTAD, PER T - 1968  
**POLAR COD, BOREOGADUS SAIDA LEP, IN NORWEGIAN WATERS**  
ASTARTE  
(31)3P, 2 FIGS
- 802634** COMBS, BOBBY D - 1968  
**AN ELECTRICAL GRID FOR CONTROLLING TREMATODE CERCARIAE IN HATCHERY WATER SUPPLIES**  
PROGR FISH-CULT  
30(2)67-75, 7 FIGS
- 802635** BECKER, C DALE; BRUNSON, WAYNE D - 1968  
**THE BASS TAPEWORM, A PROBLEM IN NORTHWEST TROUT MANAGEMENT**  
PROGR FISH-CULT  
30(2)76-83, 1 TABLE
- 802636** MCELWAIN, IVAN B; POST, GEORGE - 1968  
**EFFICACY OF CYZINE FOR TROUT HEXAMITIASIS**  
PROGR FISH-CULT  
30(2)84-90, 3 TABLES
- 802637** SUMNER, F H - 1968  
**A METHOD FOR SCALE COMPARISON**  
PROGR FISH-CULT  
30(2)91, 1 FIG
- 802638** GUNNING, GERALD E; BERRA, TIM M - 1968  
**REPOPULATION OF A DECIMATED STREAM SEGMENT BY THE SHARPPIN CHUBSUCKER**  
PROGR FISH-CULT  
30(2)92-95, 1 FIG, 2 TABLES
- 802639** PHILLIPS, ROBERT W; CLAIRE, ERROL W - 1968  
**TESTS OF PROCEDURES FOR LOWERING DISSOLVED OXYGEN CONTENT OF WATER WITH NITROGEN**  
PROGR FISH-CULT  
30(2)95
- 802640** KONAR, S K - 1968  
**EXPERIMENTAL USE OF CHLORDANE IN FISHERY MANAGEMENT**  
PROGR FISH-CULT  
30(2)96-99, 3 TABLES
- 802641** FLICK, WILLIAM - 1968  
**EFFECTIVENESS OF THREE TYPES OF BARRIER PANELS IN PREVENTING UPSTREAM MIGRATION OF FISH**  
PROGR FISH-CULT  
30(2)100-103, 1 FIG, 1 TABLE
- 802642** SAUNDERS, RICHARD L - 1968  
**AN EVALUATION OF TWO METHODS OF ATTACHING TAGS TO ATLANTIC SALMON SMOLTS**  
PROGR FISH-CULT  
30(2)104-109, 4 FIGS, 1 TABLE
- 802643** ANONYMOUS - 1968  
**SULFAMERAZINE APPROVED FOR THE TREATMENT OF FURUNCULOSIS IN BROOK, BROWN, AND RAINBOW TROUT**  
PROGR FISH-CULT  
30(2)109
- 802644** MORRIS, LARRY A; NOVAK, PAUL F - 1968  
**THE TELEPHONE GENERATOR AS AN ELECTROFISHING TOOL**  
PROGR FISH-CULT  
30(2)110-112, 1 FIG, 2 TABLES
- 802645** POZAR, DUSAN F - 1968  
**AN AUTOMATIC WET-FOOD DISPENSER**  
PROGR FISH-CULT  
30(2)113-115, 3 FIGS
- 802646** DAHLBERG, MICHAEL L; PHINNEY, DUANE E - 1968  
**A MICROPROJECTOR FOR USE IN SCALE STUDIES**  
PROGR FISH-CULT  
30(2)118-119, 1 FIG
- 802647** TONEY, DON; BOWEN, J T - 1968  
**SELECTION OF RAINBOW TROUT BROOD STOCK**  
PROGR FISH-CULT  
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- 802651** ALBERTSON, ROGER D; SCHULTZ, FRED - 1968  
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- 802653** CARTER, NEIL E - 1968  
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- 802654** MEGLITSCH, PAUL A - 1968  
**SOME COELOZOIC MYXOSPORIDA FROM NEW ZEALAND FISHES II, ON A NEW GENUS OF MYXOSPORIDA, AUERBACHIA**  
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75:397-401, 1 FIG
- 802655** HOLL, A; MEINEL, WERNER - 1968  
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- 802656** STOCKEM, W; KOMNICK, H; WOHLFARTH-BOTTERMANN, K E - 1968  
**ZUR CYTOLOGIE DER RECTALDRUSEN VON KNORPELFISCHEN, II TEIL, DIE MIKROMORPHOLOGIE DES ZENTRALEN SAMMELKANALS**  
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- 802657** ROSENTHAL, H - 1968  
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18(4)453-486, 26 FIGS, 4 TABLES

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AUSSCHLUSS DER WACHSTUMS- UND  
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LAKE IN GHANA DURING ITS FIRST PERIOD OF  
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32(3/4)417-448, 9 FIGS, 10 TABLES
- 802660 GANAPATI, S V; SREENIVASAN, A - 1968  
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AND FISHERIES IN THE STANLEY RESERVOIR, MADRAS  
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32(3/4)551-569, 2 FIGS, 4 TABLES
- 802661 PEQUIGNOT, J; LABAT, R; SERFATY, ALBERT - 1968  
VAGOTONICITE ET RESISTANCE A LA SALINITE CHEZ  
QUELQUES TELEOSTEENS D'EAU DOUCE  
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32(3/4)570-576, 5 FIGS
- 802662 JERMANSKA, ANNA - 1968  
ICHTYOFAUNE DES COUCHES A MENILITE (FLYSCH DES  
KARPATHEES)  
ACTA PALAEONTOL POL  
13(3)379-488, 43 FIGS, 9 TABLES
- 802663 HIGO, NOBIO; TANOUE, TOYOTAKA; MORITA, TOMOKAZU  
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PIPING-I, THE PRESENT STATUS AND SOME  
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- 802665 EBBESSON, SVEN O E - 1968  
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1(2)134-154, 14 FIGS
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135(3)530-536, 1 FIG, 2 TABLES
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UREA AND TRIMETHYLAMINE OXIDE LEVELS IN  
ELASMOBRANCH EMBRYOS  
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135(3)537-547, 4 FIGS, 1 TABLE
- 802669 BOULINEAU-COATANEA, F - 1968  
ETUDE ANATOMIQUE ET DESCRIPTIVE DES OTOLITHES  
(SAGITTA) DU BAR (MORONE LABRAX) (POISSONS,  
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WITH ENGLISH SUMMARY
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- 802671 SOOD, M L - 1968  
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20(2)118-124, 5 FIGS
- 802673 KAKAJI, VIJAY LAXMI - 1968  
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- 802674 STEFFAN, AUGUST WILHELM - 1968  
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- 802675 JITARIU, MATHILDE; HEFCO, HELENE; MULLER,  
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13(2)131-137, 1 FIG, 2 TABLES
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RATE AND SPAWNING CYCLE OF A POPULATION OF  
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- 802682 GUARNIERI, PATRIZIO - 1968  
OSSERVAZIONI SOPRA IL TEGUMENTO E GLI ORGANI DI  
SENSO CUTANEI DI ACANTHOPSIS SP (TELEOSTEI,  
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- 802683 - 802708** ARCH ZOOL ITAL  
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- 802683** GUARNIERI, PATRIZIO; CAVICCHIOLI, G - 1968  
ULTERIORI OSSERVAZIONI SOPRA LA STRUTTURA DEGLI  
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- 802684** MAGAZZU, G; ZACCONE, G - 1968  
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GIORNA, PREZENZA DI UNA PROBABILE GHIANDOLA DEL  
NERO  
ARCH ZOOL ITAL  
53:203-206, 2 FIGS  
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- 802685** GANDOLFI, GILBERTO - 1968  
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RERIO, VARIAZIONE DELLA REATTIVITA INDOTTE  
SPERIMENTALMENTE  
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53:245-250, 1 FIG
- 802686** CARMIGNANI, MARIA PIA ALBANESE - 1968  
CICLO DI ATTIVITA SECRETORIA DEGLI ELEMENTI  
MAGNOCELLULARI DEL NUCLEO PREOTTICO E DEGLI  
ELEMENTI DEL NUCLEO PARAPOFISARIO NEL  
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53:343-350, 1 FIG  
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- 802687** JANKOWSKY, H -D - 1968  
VERSUCHE ZUR ADAPTATION DER FISCH IM NORMALEN  
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- 802688** LINDQUIST, ARMIN - 1968  
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- 802689** LE ROUX, PIETER; STEYN, LOUIS - 1968  
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- 802691** MEFFERT, P - 1968  
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- 802692** CLEMMENS, HOWARD P; INSLEE, THEOPHILUS - 1968  
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- 802693** DAVIS, CHARLES C - 1968  
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- 802694** BEYERLE, GEORGE B; WILLIAMS, JOHN E - 1968  
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- 802695** FRASER, J M - 1968  
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- 802696** BUTLER, ROBERT L; HAWTHORNE, VERNON M - 1968  
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- 802697** ORCUTT, DONALD R; PULLIAM, BEN R; ARP, ARTHUR  
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- 802698** MCLARNEY, WILLIAM O - 1968  
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THE PRICKLY SCULPIN, COTTUS ASPER  
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- 802699** GROVER, JOHN H - 1968  
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97(1)48-50, 1 FIG, 1 TABLE
- 802700** GOODWIN, WALTER F; VAUGHN, THOMAS L - 1968  
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97(1)50, 1 FIG
- 802701** CLAIRE, ERROL W; PHILLIPS, ROBERT W - 1968  
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- 802702** MCCARREHER, D B - 1968  
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- 802703** HEARD, WILLIAM R; VOGELE, LOUIS E - 1968  
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INDIVIDUAL FISH BY DIVERS  
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- 802704** DELL, MICHAEL B - 1968  
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- 802705** PATRIARCHE, MERCER H - 1968  
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- 802706** FABER, DANIEL J - 1968  
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- 802707** OVIATT, CANDACE - 1968  
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802718	BAERENDS, G P; POSTMA, H - 1968 ANNUAL REPORT OF THE NETHERLANDS INSTITUTE FOR SEA RESEARCH FOR THE YEAR 1965 NETH J SEA RES 4(1)95-109, 1 TABLE	802731	RICHARDS, WILLIAM J; PALKO, BARBARA J; SCOTT, EDWIN L - 1968 A RESEARCH AQUARIUM SUITABLE FOR SHIPBOARD USE TRANS AMER FISH SOC 97(3)286-287, 1 FIG	
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802720	DANILKIEWICZ, ZBIGNIEW - 1968 PHOXINUS PERCINURUS (PALLAS 1811) IN THE LECZNA AND WLODAWA LAKE DISTRICT ANN UNIV MARIAE CURIE-SKLODOWSKA SECT C BIOL 23:301-318, 8 FIGS, 3 TABLES IN POLISH WITH ENGLISH AND RUSSIAN SUMMARIES	802733	NELSON, JOSEPH S - 1968 LIFE HISTORY OF THE BROOK SILVERSIDE, LABIDESTHES SICULUS, IN CROOKED LAKE, INDIANA TRANS AMER FISH SOC 97(3)293-296, 3 FIGS, 1 TABLE	

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- 802735 HALE, JOHN G - 1968  
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- 802736 MULLAN, JAMES W; APPELGATE, RICHARD L;  
RAINWATER, WILLIAM C - 1968  
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32(1 3)85-149, 1 FIG, 20 TABLES
- 802744 SIMON, RAYMOND C; NOBLE, RICHARD E - 1968  
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VIABILITY AND INHERITANCE IN ARTIFICIAL CROSSES  
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- RIVER SYSTEM  
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- 802750 NELSON, WILLIAM R - 1968  
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- 802751 NELSON, WILLIAM R - 1968  
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- 802752 LARIMORE, R WELDON; DUEVER, MICHAEL J - 1968  
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<b>802764</b>	CLARK, JOHN - 1968 <b>SEASONAL MOVEMENTS OF STRIPED BASS CONTINGENTS OF LONG ISLAND SOUND AND THE NEW YORK BIGHT</b> TRANS AMER FISH SOC 97(4)320-343, 24 FIGS, 6 TABLES	<b>802777</b>	ROLAN, ROBERT G - 1968 <b>ELECTROPHORETIC COMPARISON OF HUMAN AND CATFISH PLASMA PROTEINS</b> TRANS AMER FISH SOC 97(4)455-459, 1 FIG	
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<b>802766</b>	ISLAM, BHUIYAN N; TALBOT, G B - 1968 <b>FLUVIAL MIGRATION, SPAWNING, AND FECUNDITY OF INDUS RIVER HILSA, HILSA ILISHA</b> TRANS AMER FISH SOC 97(4)350-355, 4 FIGS, 1 TABLE	<b>802779</b>	ETNIER, DAVID A - 1968 <b>REPRODUCTIVE SUCCESS OF NATURAL POPULATIONS OF HYBRID SUNFISH IN THREE MINNESOTA LAKES</b> TRANS AMER FISH SOC 97(4)466-471, 3 FIGS	
<b>802767</b>	RAYMOND, HOWARD L - 1968 <b>MIGRATION RATES OF YEARLING CHINOOK SALMON IN RELATION TO FLOWS AND IMPOUNDMENTS IN THE COLUMBIA AND SNAKE RIVERS</b> TRANS AMER FISH SOC 97(4)356-359, 1 FIG, 1 TABLE	<b>802780</b>	SHETTER, DAVID S - 1968 <b>OBSERVATIONS ON MOVEMENTS OF WILD TROUT IN TWO MICHIGAN STREAM DRAINAGES</b> TRANS AMER FISH SOC 97(4)472-480, 2 FIGS, 4 TABLES	
<b>802768</b>	BJORNN, T C; CRADDOCK, D R; CORLEY, D R - 1968 <b>MIGRATION AND SURVIVAL OF REDFISH LAKE, IDAHO, SOCKEYE SALMON, ONCORHYNCHUS NERKA</b> TRANS AMER FISH SOC 97(4)360-373, 8 FIGS, 7 TABLES	<b>802781</b>	RAHRER, JEROLD F - 1968 <b>MOVEMENTS OF ADULT LAKE TROUT IN LAKE SUPERIOR</b> TRANS AMER FISH SOC 97(4)481-484, 3 FIGS, 3 TABLES	
<b>802769</b>	WAGNER, HARRY H - 1968 <b>EFFECT OF STOCKING TIME ON SURVIVAL OF STEELHEAD TROUT, SALMO GAIARDNERII, IN OREGON</b> TRANS AMER FISH SOC 97(4)374-379, 1 FIG, 4 TABLES	<b>802782</b>	MANION, PARTICK J - 1968 <b>PRODUCTION OF SEA LAMPREY LARVAE FROM NESTS IN TWO LAKE SUPERIOR STREAMS</b> TRANS AMER FISH SOC 97(4)484-486, 1 FIG, 1 TABLE	
<b>802770</b>	MORRIS, LARRY A; LANGEMEIER, RALPH N; RUSSELL, THOMAS R; WITT, ARTHUR JR - 1968 <b>EFFECTS OF MAIN STEM IMPOUNDMENTS AND CHANNELIZATION UPON THE LIMNOLOGY OF THE MISSOURI RIVER, NEBRASKA</b> TRANS AMER FISH SOC 97(4)380-388, 1 FIG, 5 TABLES	<b>802783</b>	RADULESCU, I; VASILIU, D G; ILIE, E; SNIESZKO, S F - 1968 <b>THYROID HYPERPLASIA OF THE EASTERN BROOK TROUT, SALVELINUS FONTINALIS, IN ROMANIA</b> TRANS AMER FISH SOC 97(4)486-488, 2 FIGS	
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		<b>802785</b>	LEWIS, WILLIAM M; HEIDINGER, ROY; KONIKOFF, MARK - 1968	

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- 802786** SHELDON, ANDREW L - 1968  
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97(4)495-496, 1 FIG
- 802787** MCERLEAN, ANDREW J; KENNEDY, VICTOR S - 1968  
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- 802788** BURKE, W DAVID; FERGUSON, DENZEL E - 1968  
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- 802789** SOLON, JOSEPH M; LINCER, JEFFREY L; NAIR, JOHN H III - 1968  
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- 802790** HARRIS, ALVA H; ROSE, CURT D - 1968  
**SHRIMP PREDATION BY THE SEA CATFISH, GALEICHTHYS FELIS**  
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- 802791** DAWSON, C E - 1968  
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- 802792** MUNK, OLE - 1968  
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- 802793** NIELSEN, JORGEN G - 1968  
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VIDENSK MEDD NATURHIST FOREN KJOENHAVN  
131:225-249, 12 FIGS, 2 TABLES
- 802794** CHARYEV, R; MURAVLEVA, R E; ZAMANMURADOVA, Z M - 1968  
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IZV AKAD NAUK TURKM SSR SER BIOL NAUK  
(6)56-64, 4 FIGS, 3 TABLES  
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- 802795** ALEXANDROVA, E N; KUZNETSOV, V V - 1968  
**ON THE INTRASPECIFIC FORMS OF THE COREGNUS MUKSUN (PALLAS) SMITT IN THE LENA**  
VESTN MOSK UNIV SER VI BIOL POCHOVED  
(1)28-37, 2 FIGS, 7 TABLES  
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- 802796** MILMAN, I S; IUROVITSKII, IU G - 1968  
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179(1/2/3)472-475, 3 FIGS, 1 TABLE  
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- 802797** BARANNIKOVA, I A - 1968  
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- 802798** MAKSIMOV, V P - 1968  
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- 802799** RAGIMOV, D B - 1968  
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IZV AKAD NAUK AZERB SSR SER BIOL NAUK  
(4)66-73, 2 FIGS  
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- 802800** GRISHCHENKO, V A - 1968  
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DOKL AKAD NAUK SSSR GEOL SCI SECT  
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- 802801** GERULAITIS, A - 1968  
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- 802802** ORLOVA, A; VIRBICKAS, J - 1968  
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1(45)105-114, 1 FIG, 1 TABLE  
IN RUSSIAN WITH ENGLISH SUMMARY
- 802803** GAIGALAS, K - 1968  
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1(45)115-130, 14 FIGS, 6 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 802804** VLADIMIROV, M Z - 1968  
**THE INFLUENCE OF WATER TEMPERATURE ON THE DURATION OF VIMBA EGG INCUBATION**  
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(1)45-46  
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- 802805** ANONYMOUS - 1968  
**A SWORD-FISH AGAINST A SUBMARINE**  
PRIRODA (SOFIA)  
(3)104-105  
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- 802806** NAEVE, HEINER - 1968  
**BEITRÄGE ZUR FRAGE DES SEHFELDES UND DER REFRAKTIONSVERHÄLTNISSE BEI FISCHHAUGEN**  
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24(1)51-54, 4 FIGS  
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- 802807** GRAF, JAKOB - 1968  
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- 802808** BERDYSHEV, G D; RASSKAZOV, V A; ANISIMOV, M M - 1968  
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183(4/5/6)966-969, 3 FIGS, 1 TABLE  
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- 802809** SKOBLINA, M N - 1968  
**RIPENING OF THE CORTEX OF ANUCLEAR OOCYTES IN FROG AND STURGEON, PROCEEDING UNDER THE INFLUENCE OF GONADOTROPHIC HYPOPHYSAL HORMONES**



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- 802810** MOISEEVA, E B - 1968  
CERTAIN DATA ON THE DISTRIBUTION OF  
GOMORIPPOSITIVE NEUROSECRETIN IN THE  
HYPOTHALAMOHYPOPHYSARY SYSTEM OF GOBIUS  
MELANOSTOMUS PALLAS  
DOKL AKAD NAUK SSSR BIOL SCI SECT  
183(4/5/6)1468-1471, 5 FIGS  
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- 802811** GIBAVICIENE, D - 1968  
MORPHOLOGICAL AND ECOLOGICAL FEATURES OF THE  
PIKE-PERCH REPRODUCTION SYSTEM IN THE  
LITHUANIAN INNER WATERS, (1.PIKE-PERCH  
OVOGENESIS AND ANNUAL SEXUAL CYCLE IN THE  
LAGOON OF KURSIU MARIOS)  
TR AKAD NAUK LITOV SSR SER C  
3(47)89-103, 6 FIGS, 6 TABLES  
IN RUSSIAN WITH ENGLISH SUMMARY
- 802812** MEINEL, WERNER - 1968  
UBER DIE ABLEITUNG DER SUSPENSIONSMODI DES  
ERSTEN UND ZWEITEN SPLANCHNISCHEN BOGENS AM  
NEUROCRANIUM DER FISCH  
BER OBERHESS GES NATUR HEILK GIESSEN NATURWISS  
ABT NS  
36:59-79, 2 FIGS  
WITH ENGLISH SUMMARY
- 802813** GIMMELREIKH, G A - 1968  
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INTESTINE FORMATION IN VERTEBRATES, I, PRIMARY  
WATER VERTEBRATES  
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(2)3-15  
IN RUSSIAN WITH ENGLISH SUMMARY
- 802814** KUROVSKY, E A - 1968  
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BONES OF CARASSIUS CARASSIUS L AND C.AURATUS  
GIBELIO BLOCH  
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(2)76-79, 18 FIGS, 1 TABLE  
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- 802815** PARUKHIN, A M - 1968  
NEW TREMATODA REPRESENTATIVES OF THE FAMILY  
ACANTHOCOLPIDAE LUHE, 1909 IN THE FOOD-FISH OF  
THE SOUTH ATLANTIC  
VESTN ZOOL  
(2)79-82, 2 FIGS  
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- 802816** BEKKER, V E; BORODULINA, O D - 1968  
LUMINOUS ANCHOVY OF THE GENUS CERATOSCOPELUS  
DUTH, TAXONOMY AND DISTRIBUTION  
VOP IKHTIOL  
8(5)779-798, 5 FIGS, 4 TABLES  
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- 802817** LIMANSKY, V V; GUBANKOV, E P - 1968  
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THE AZOV-BLACK SEA AND ATLANTIC ANCHOVY  
(ENGRAULIS ENCRASICHOLUS L)  
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8(5)799-806, 5 TABLES  
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- 802818** SAGITOV, N I - 1968  
SOME PROBLEMS OF THE MORPHOLOGY OF  
PSEUDOSCAPHIRHYNCHUS KAUFMANNI (BOGD) FROM THE  
AMU-DARJA  
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8(5)807-816, 4 FIGS, 3 TABLES  
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- 802819** VIEN, LE MINH - 1968  
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8(5)817-833, 1 TABLE  
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- 802820** CHERNENKO, E V - 1968  
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SOCKEYE (ONCORHYNCHUS NERKA (WALB) FROM LAKE  
DALJNEE OF THE KAMCHATKA  
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8(5)834-846, 3 FIGS, 5 TABLES  
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- 802821** SCHERBUCHA, A Y - 1968  
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SOUTHERN BUG  
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8(5)847-857, 5 FIGS, 9 TABLES  
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- 802822** HASHEN, M T - 1968  
THE STATE OF POPULATION OF ABRAMIS BALLERUS (L)  
IN THE MOLOZHSKY BRANCH OF THE RYBINSK  
RESERVOIR  
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8(5)858-868, 7 FIGS, 7 TABLES  
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- 802823** BOGDANOV, G A - 1968  
ON THE GENERATION ABUNDANCE FACTORS IN SOME  
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8(5)869-880, 5 FIGS, 3 TABLES  
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- 802824** MENSHTUTKIN, V V; ZHAKOV, L A; UMNOV, A A - 1968  
A STUDY OF MORTALITY CAUSES IN YOUNG PERCH BY  
MEDELLING  
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8(5)881-891, 5 FIGS, 2 TABLES  
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- 802825** BELY, K D - 1968  
BEHAVIOUR AND DISPERSION OF THE EMBRYOS OF  
PIKE-PERCH (LUCIOPERCA LUCIOPERCA L) HATCHED  
UNDER DEEP WATER CONDITIONS  
VOP IKHTIOL  
8(5)892-899, 4 TABLES  
IN RUSSIAN
- 802826** SAVCHUK, M J - 1968  
THE LOCATION OF FEEDING AREAS OF MULLET FRY IN  
THE COASTAL ZONE OF THE WESTERN BLACK SEA  
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8(5)900-910, 6 FIGS  
IN RUSSIAN
- 802827** ALTUKHOV, K A; BENJKO, K I; BULATOVICH, M A  
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ON THE ACCLIMATIZATION OF RAINBOW TROUT AND  
PELED IN THE CARP PONDS OF THE WESTERN  
DISTRICTS OF THE UKRAINIAN REPUBLIC  
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8(5)911-918, 2 FIGS, 3 TABLES  
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- 802828** REDKOZUBOV, J N - 1968  
SOME ASPECTS OF THE BIOLOGY OF THE BAIKAL OMUL  
REVEALED BY THE SCALES  
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8(5)919-930, 1 FIG, 7 TABLES  
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- 802829** SHABALINA, A A - 1968  
THE EFFECT OF COBALTOUS CHLORIDE ON THE  
PHYSIOLOGICAL FACTORS OF RAINBOW TROUT (SALMO  
IRIDEUS GIBBONS)  
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8(5)931-938, 5 TABLES  
IN RUSSIAN
- 802830** SMIRNOVA, L I - 1968  
ON THE PHYSIOLOGY OF GRANULAR LEUCOCYTES OF  
FISH BLOOD  
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8(5)939-948, 2 FIGS, 5 TABLES  
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- 802831** VON WAHLERT, GERD - 1968

- DEMONSTRATION VON LATIMERA CHALUMNAE J L B SMITH**  
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- PROGR FISH-CULT**  
30(3)175-177, 2 FIGS, 1 TABLE
- 802832** MOSEVICH, T N - 1968  
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ICHTHYOPHTHIRIUS MULTIFILIIS AT DIFFERENT  
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4(4)469-476, 9 FIGS
- 802845** GASAWAY, CHARLES R; LAMBOU, VICTOR W - 1968  
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30(3)178-180, 4 FIGS
- 802833** BURROWS, ROGER E; COMBS, BOBBY D - 1968  
CONTROLLED ENVIRONMENTS FOR SALMON PROPAGATION  
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30(3)123-136, 5 FIGS
- 802846** SMITH, WILLIAM B - 1968  
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30(3)180
- 802834** CAIRNS, JOHN JR; PATRICK, RUTH; SCHEIER, ARTHUR  
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THE RELATIVE SENSITIVITY OF DIATOMS, SNAILS,  
AND FISH TO TWENTY COMMON CONSTITUENTS OF  
INDUSTRIAL WASTES  
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30(3)137-140, 3 TABLES
- 802847** NEATE, HARRY - 1968  
GEAR MODIFICATIONS FOR THE ELECTROFISHING OF  
UNDERYEARLING COHO SALMON  
PROGR FISH-CULT  
30(3)181-182, 1 FIG
- 802835** FRASER, J M - 1968  
EFFECT OF AIR PLANTING ON DOMESTIC BROOK TROUT  
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30(3)141-143, 1 TABLE
- 802848** DAHL, FREDERICK H - 1968  
A SURFACE TOW NET FOR COLLECTION OF  
PARASITIC-PHASE SEA LAMPREYS  
PROGR FISH-CULT  
30(3)183-184, 2 FIGS
- 802836** SNOW, J R - 1968  
PRODUCTION OF SIX- TO EIGHT-INCH LARGEMOUTH  
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PROGR FISH-CULT  
30(3)144-152, 1 FIG, 3 TABLES
- 802849** ANDERSON, RICHARD O - 1968  
TRANSPORT OF GIZZARD SHAD  
PROGR FISH-CULT  
30(3)184
- 802837** GRAFF, DELANO R - 1968  
THE SUCCESSFUL FEEDING OF A DRY DIET TO ESOCIDS  
PROGR FISH-CULT  
30(3)152
- 802850** DEYOE, C W; TIEMEIER, O W; SUPPES, C - 1968  
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FEEDING METHODS ON GROWTH OF FINGERLING CHANNEL  
CATFISH  
PROGR FISH-CULT  
30(4)187-195, 11 TABLES
- 802838** MARTIN, RICHARD L - 1968  
COMPARISON OF EFFECTS OF CONCENTRATIONS OF  
MALACHITE GREEN AND ACRIFLAVINE ON FUNGI  
ASSOCIATED WITH DISEASED FISH  
PROGR FISH-CULT  
30(3)153-158, 2 TABLES
- 802851** OLSON, DONALD E - 1968  
SEX RATIOS OF YOUNG-OF-YEAR WALLEYES IN  
MINNESOTA REARING PONDS AND LAKES  
PROGR FISH-CULT  
30(4)196-202, 1 FIG, 1 TABLE
- 802839** CARTER, NEIL E - 1968  
FLOAT UNIT DESIGN FOR SUSPENDING VERTICAL GILL  
NETS  
PROGR FISH-CULT  
30(3)158, 1 FIG
- 802852** RACHLIN, JOSEPH WOLFE; PERLMUTTER, ALFRED  
1968  
RESPONSE OF AN INBRED STRAIN OF PLATYFISH AND  
THE FATHEAD MINNOW TO ZINC  
PROGR FISH-CULT  
30(4)203-207
- 802840** KELLEY, JOHN W - 1968  
EFFECTS OF INCUBATION TEMPERATURE ON SURVIVAL  
OF LARGEMOUTH BASS EGGS  
PROGR FISH-CULT  
30(3)159-163, 1 TABLE
- 802853** HEATON, LEROY H; POST, GEORGE - 1968  
TISSUE RESIDUE AND ORAL SAFETY OF FURAZOLIDONE  
IN FOUR SPECIES OF TROUT  
PROGR FISH-CULT  
30(4)208-215, 1 FIG, 4 TABLES
- 802841** HUNN, JOSEPH B; SCHOETTGER, RICHARD A;  
WHEALDON, EVERETT W - 1968  
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BIOASSAY FISH  
PROGR FISH-CULT  
30(3)164-167, 2 TABLES
- 802854** FOYE, ROBERT E - 1968  
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ANTIMYCIN A ON SEVERAL SPECIES OF FISH IN  
CRATER POND, AROOSTOOK COUNTY, MAINE  
PROGR FISH-CULT  
30(4)216-219
- 802842** AMEND, DONALD F; FRYER, JOHN L - 1968  
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ADULT SALMON  
PROGR FISH-CULT  
30(3)168-172, 1 FIG, 2 TABLES
- 802855** STEUCKE, ERWIN W JR; ALLISON, LEONARD H;  
PIPER, ROBERT G; ROBERTSON, RUSSELL; BOWEN, J T  
1968  
EFFECTS OF LIGHT AND DIET ON THE INCIDENCE OF  
CATARACT IN HATCHERY-REARED LAKE TROUT  
PROGR FISH-CULT  
30(4)220-226, 1 FIG, 6 TABLES
- 802843** WILLOUGHBY, HARVEY - 1968  
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HATCHERY TROUGHS AND PONDS  
PROGR FISH-CULT  
30(3)173-174
- 802856** JOCHIMSEN, WERNER; BEDELL, GERALD - 1968  
MALFORMED YOLK SACS OBSERVED IN CHINOOK SALMON  
FRY DURING TESTS OF BARREL-TYPE INCUBATORS  
PROGR FISH-CULT  
30(4)227-229, 3 FIGS
- 802844** LOCKARD, DALE V - 1968  
AN OPERCULAR STREAMER TAG
- 802857** MARNELL, LEO; HUNSAKER, DON, II - 1968  
CONFINEMENT OF EXPERIMENTAL FISH  
PROGR FISH-CULT  
30(4)229, 1 FIG

802858	JORDAN, FRED P; SMITH, HOWARD D - 1968 AN ALUMINUM STAPLE TAG FOR POPULATION ESTIMATES OF SALMON SMOLTS PROGR FISH-CULT 30(4)230-234, 2 FIGS, 2 TABLES	802871	DUFFY, JOHN M - 1968 JACK MACKEREL YIELD PER AREA FROM CALIFORNIA WATERS, 1955-56 THROUGH 1963-64 CALIF FISH GAME 54(3)195-202, 4 FIGS, 1 TABLE	802858 - 802844
802859	BENOIT, DUANE - 1968 NUTRITION STUDY FOR MAINTAINING YELLOW PERCH FINGERLINGS IN THE LABORATORY PROGR FISH-CULT 30(4)234, 1 FIG	802872	ALLEN, GEORGE H - 1968 FECUNDITY OF THE BROWN RAGFISH, ICOSTEUS AENIGMATICUS LOCKINGTON, FROM NORTHERN CALIFORNIA CALIF FISH GAME 54(3)207-214, 2 FIGS, 5 TABLES	
802860	SNOW, J R - 1968 THE OREGON MOIST PELLET AS A DIET FOR LARGEMOUTH BASS PROGR FISH-CULT 30(4)235	802873	RUSSO, RONALD A; HERALD, EARL S - 1968 THE 1967 SHARK KILL IN SAN FRANCISCO BAY CALIF FISH GAME 54(3)215-216	
802861	HENNICK, DANIEL P; EDFELT, LARRY B; EATON, MARTIN F - 1968 USE OF A LACUSTRINE ENVIRONMENT BY PINK AND CHUM SALMON PROGR FISH-CULT 30(4)236-238, 3 FIGS	802874	HOSIE, MICHAEL J; BOND, CARL E - 1968 NORTHERN RANGE EXTENSION FOR THE KELP BASS, PARALABRAX CLATHRATUS (GIRARD) CALIF FISH GAME 54(3)216-217	
802862	GRINSTEAD, BOBBY G - 1968 SLED-TYPE TRIAL BOARDS FOR LOCATING POTENTIAL TRAWLING SITES PROGR FISH-CULT 30(4)238-239, 2 FIGS	802875	CHADWICK, HAROLD K - 1968 MORTALITY RATES IN THE CALIFORNIA STRIPED BASS POPULATION CALIF FISH GAME 54(4)228-246, 1 FIG, 11 TABLES	
802863	BINI, GIORGIO - 1968 UN PESCE PERCIFORME RARO PER I MARI ITALIANI (LOBOTES SURINAMENSIS (BLOCH) 1790) ATTI SOC PELORITANA SCI FIS MAT NATUR 14(1/2)49-53, 1 FIG WITH ENGLISH SUMMARY	802876	EDWARDS, STEPHEN R; NAHHAS, FUAD M - 1968 SOME ENDOPARASITES OF FISHES FROM THE SACRAMENTO-SAN JOAQUIN DELTA, CALIFORNIA CALIF FISH GAME 54(4)247-256, 1 FIG	
802864	CORDONE, ALMO J; FRANTZ, TED C - 1968 AN EVALUATION OF TROUT PLANTING IN LAKE TAHOE CALIF FISH GAME 54(2)68-89, 3 FIGS, 5 TABLES	802877	LEE, RICHARD S - 1968 PRIONOTUS XENISMA JORDAN AND BOLLMAN, A SEAROBIN NEW TO CALIFORNIA CALIF FISH GAME 54(4)278-280, 1 FIG, 1 TABLE	
802865	SCHAFER, WILLIAM E - 1968 STUDIES ON THE EPIZOOTIOLOGY OF THE MYXOSPORIDAN CERATOMYXA SHASTA NOBLE CALIF FISH GAME 54(2)90-99, 2 FIGS	802878	MACGREGOR, JOHN S - 1968 FECUNDITY OF THE NORTHERN ANCHOVY, ENGRAULIS MORDAX GIRARD CALIF FISH GAME 54(4)281-288, 1 TABLE	
802866	GREENFIELD, DAVID W - 1968 OBSERVATIONS ON THE BEHAVIOR OF THE BASKETWEAVE CUSK-EEL OTOPHIDIUM SCRIPPSI HUBBS CALIF FISH GAME 54(2)108-114, 3 FIGS	802879	DUFFY, JOHN M - 1968 DEFORMED LATERAL LINE IN A JACK MACKEREL, TRACHURUS SYMMETRICUS (AYRES) CALIF FISH GAME 54(4)306, 1 FIG	
802867	CONGLETON, JAMES L - 1968 VARIATION IN THE PINK SEAPERCH, ZALEMBIUS ROSACEUS (JORDAN AND GILBERT), AND EXTENSION OF ITS KNOWN RANGE TO THE GULF OF CALIFORNIA CALIF FISH GAME 54(2)115-119, 1 FIG, 1 TABLE	802880	MILLER, LEE W; MCKECHNIE, ROBERT J - 1968 OBSERVATION OF STRIPED BASS SPAWNING IN THE SACRAMENTO RIVER CALIF FISH GAME 54(4)306-307	
802868	ORSI, JAMES J - 1968 THE EMBRYOLOGY OF THE ENGLISH SOLE, PAROPHRYS VETULUS CALIF FISH GAME 54(3)133-155, 3 FIGS	802881	MALONEY, J E; DOBIE, JOHN; MOYLE, JOHN B - 1968 CHARACTERISTICS OF FOUR MARL LAKES AS RELATED TO BIOLOGICAL PRODUCTIVITY J MINN ACAD SCI 35(2/3)74-78, 1 FIG, 4 TABLES	
802869	ENGLEN, PAUL C - 1968 ORGANOGENESIS IN THE WALLEYE SURFPERCH, HYPERPROSOPON ARGENTEUM (GIBBONS) CALIF FISH GAME 54(3)156-169, 3 FIGS	802882	PHILLIPS, GARY L; ETNIER, DAVID A - 1968 A NEW HYBRID MINNOW J MINN ACAD SCI 35(2/3)96-97, 1 TABLE	
802870	MILLER, ROBERT RUSH - 1968 RECORDS OF SOME NATIVE FRESHWATER FISHES TRANSPLANTED INTO VARIOUS WATERS OF CALIFORNIA, BAJA CALIFORNIA, AND NEVADA CALIF FISH GAME 54(3)170-179, 1 TABLE	802883	BOESEMAN, M - 1968 THE GENUS HYPOSTOMUS LACEPEDE, 1803, AND ITS SURINAM REPRESENTATIVES (SILURIFORMES, LORICARIIDAE) ZOOLOG VERH (99)89P, 85 FIGS, 20 TABLES	
		802884	MINCKLEY, C O; MINCKLEY, W L - 1968 FISHES OF DEEP CREEK, RILEY COUNTY, KANSAS RECORDING ESTABLISHMENT OF SPOTTED BASS	

- 802885 - 802907 (MICROPTERUS PUNCTULATUS)  
TRANS KANS ACAD SCI  
71(1)87-89
- 802885 NISHIYAMA, TSUNEO; FUJII, TAKEJI; YAMADA, JUNJI; OKADA, SHUN - 1968  
MEAN FORK LENGTH AND NUMBER OF SCALE CIRCULE OF CHUM SALMON GROUPS IN THE GULF OF ANADYR AND ADJACENT HIGH SEAS IN LATE JULY 1966  
BULL FAC FISH HOKKAIDO UNIV  
19(2)63-75, 11 TABLES
- 802886 TAKANO, KAZUNORI - 1968  
FINE STRUCTURE OF THE WALL OF THE OVARIAN LUMEN IN THE TELEOST, ORYZIAS LATIPES  
BULL FAC FISH HOKKAIDO UNIV  
19(2)76-82, 12 FIGS
- 802887 NASHIMOTO, KATSUAKI; KUROKI, TOSHIRO - 1968  
ESTIMATION OF TUNNY-SHOALS DIMENSIONS BY THE APPLICATION OF A SPACE-SERIES ANALYZING METHOD FOR LONG-LINE FISHING  
BULL FAC FISH HOKKAIDO UNIV  
19(2)109-122, 25 FIGS, 2 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802888 NASHIMOTO, KATSUAKI - 1968  
FUNDAMENTAL STUDIES ON THE PHENOMENA OF STICKS IN GILL-NETTING (V): THE FRICTION FORCE ON STICKING IN MESH  
BULL FAC FISH HOKKAIDO UNIV  
19(2)123-131, 8 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802889 IMURA, KOJI; SAITO, TSUNEYUKI - 1968  
NUCLEIC ACID CONTENTS IN VARIOUS TISSUES OF SOME FISHES  
BULL FAC FISH HOKKAIDO UNIV  
19(2)132-139, 1 FIG, 10 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802890 USHIYAMA, HIROSHI - 1968  
STUDIES ON THE PROTEOLYTIC ENZYMES OF THE SALMON PYLORIC CAECA. II, PURIFICATION AND SOME PROPERTIES OF TRYPSIN-LIKE ENZYMES  
BULL FAC FISH HOKKAIDO UNIV  
19(2)147-155, 7 FIGS, 3 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802891 HIROI, OSAMU; YAMAMOTO, K - 1968  
STUDIES ON THE MATURATION OF SALMONID FISHES-I. CHANGES IN THE TESTIS OF THE CHUM SALMON, ONCORHYNCHUS KETA, DURING ANADROMOUS MIGRATION  
BULL FAC FISH HOKKAIDO UNIV  
19(3)173-185, 21 FIGS, 3 TABLES
- 802892 HAMADA, KEIKICHI - 1968  
DEVELOPMENT OF A GOBY, CHAENOGOBUS UROTAENIA, WITH SPECIAL REFERENCE TO THE GILL AND THE CHLORIDE CELL  
BULL FAC FISH HOKKAIDO UNIV  
19(3)185-198, 65 FIGS
- 802893 OHMI, HIKOEI; TAMURA, TADASHI; FUJII, AKIRA; NAKAO, SHIGERU - 1968  
CONSIDERATIONS ON ENVIRONMENTAL FACTORS UPON FISHERIES PRODUCTIVITY  
BULL FAC FISH HOKKAIDO UNIV  
19(3)209-217, 1 FIG, 13 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802894 KAJIHARA, MASAHIRO; INOUE, NAOICHI; SHINGGII, SUSUMUJO - 1968  
STUDIES ON THE VISUAL RANGE OF NET TWINES IN WATER-II  
BULL FAC FISH HOKKAIDO UNIV  
19(3)218-228, 8 FIGS, 2 TABLES
- 802895 UNNITHAN, R VISWANATHAN - 1968  
ON SIX SPECIES OF MONOGENETIC TREMATODES, PARASITIC ON THE GILLS OF MARINE FISHES FROM THE INDIAN SEAS  
TREUBIA  
27(2/3)141-164, 47 FIGS
- 802896 JAYARAM, K C - 1968  
CONTRIBUTIONS TO THE STUDY OF BAGRID FISHES (SILUROIDEA, BAGRIDAE), 3. A SYSTEMATIC ACCOUNT OF THE JAPANESE, CHINESE, MALAYAN AND INDONESIAN GENERA  
TREUBIA  
27(2/3)287-386, 14 FIGS, 15 TABLES
- 802897 SMITH, MRS J L B - 1968  
THE COLLECTION AND PRESERVATION OF FISHES  
SAMAB  
9(6)202-206
- 802898 TANIGUCHI, TAKEO; MINAMI, SHIRO; HIROSE, MAKOTO - 1968  
SHOOTING AND HAULING OPERATION WITH A 100-FOOT TRAWL ON A UNIGAN STERN TRAWLER  
J SHIMONOSEKI UNIV FISH  
17(1)1-8, 5 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 802899 MATSUI, ISAO; TAKAI, TORU; KATAOKA, AKIYOSHI - 1968  
ANGUILLID LEPTOCEPHALUS FOUND IN THE JAPAN CURRENT AND ITS ADJACENT WATERS  
J SHIMONOSEKI UNIV FISH  
17(1)17-23, 3 FIGS, 2 TABLES
- 802900 UCHIDA, KAZUYOSHI; KATAOKA, AKIYOSHI; TAKAI, TORU - 1968  
ON THE CONGRID LEPTOCEPHALI IN ISE BAY  
J SHIMONOSEKI UNIV FISH  
17(1)25-34, 3 FIGS, 5 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802901 JUBB, R A - 1968  
THE BARBUS AND VARICORHINUS SPECIES (PISCES, CYPRINIDAE) OF TRANSVAAL  
ANN TRANSVAAL MUS  
26(4)79-97, 10 FIGS, 1 TABLE
- 802902 CHRISTIE, W J - 1968  
POSSIBLE INFLUENCES OF FISHING IN THE DECLINE OF GREAT LAKES FISH STOCKS  
PROC 11TH CONF GREAT LAKES RES INT ASS GREAT LAKES RES  
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- 802903 MORSELL, JOHN W; NORDEN, CARROLL R - 1968  
FOOD HABITS OF THE ALEWIFE, ALOSA PSEUDOHARENGUS (WILSON), IN LAKE MICHIGAN  
PROC 11TH CONF GREAT LAKES RES INT ASS GREAT LAKES RES  
96-102, 1 FIG, 4 TABLES
- 802904 NORDEN, CARROLL R - 1968  
MORPHOLOGY AND FOOD HABITS OF THE LARVAL ALEWIFE, ALOSA PSEUDOHARENGUS (WILSON), IN LAKE MICHIGAN  
PROC 11TH CONF GREAT LAKES RES INT ASS GREAT LAKES RES  
103-110, 3 FIGS, 3 TABLES
- 802905 POWERS, CHARLES F; ROBERTSON, ANDREW - 1968  
BIOLOGICAL EXPLORATION IN LAKE MICHIGAN FROM A RESEARCH SUBMARINE  
PROC 11TH CONF GREAT LAKES RES INT ASS GREAT LAKES RES  
117-123, 1 FIG, 1 TABLE
- 802906 REGIER, HENRY A - 1968  
CONCEPTS OF SPECIES SEGREGATION AND DESEGREGATION RELATED TO GREAT LAKES FISHERY MANAGEMENT  
PROC 11TH CONF GREAT LAKES RES INT ASS GREAT LAKES RES  
124-129
- 802907 NAROSKA, VOLKER - 1968  
VERGLEICHENDE UNTERSUCHUNGEN ÜBER DEN EINFLUSS DES HYDROSTATISCHEN DRUCKES AUF ÜBERLEBENSFAHIGKEIT UND STOFFWECHSELINTENSITÄT MARINER VERTEBRATEN UND TELEOSTEER  
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24(2)95-123, 19 FIGS, 6 TABLES

- WITH ENGLISH SUMMARY
- 802908 MULLER, ALAJOS - 1968  
DIE NAHRUNG JUNGER PLATTFISCHE IN NORD- UND OSTSEE  
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24(2)124-143, 7 FIGS, 11 TABLES  
WITH ENGLISH SUMMARY
- 802909 NAEVE, HEINER - 1968  
NARKOSE UND TOTUNGSVERFAHREN BEI EXPERIMENTELLEN OPERATIONEN AN FISCHEN  
KIELER MEERESFORSCH  
24(2)144-146, 1 FIG  
WITH ENGLISH SUMMARY
- 802910 SIEGMUND, RENATE - 1968  
LOKOMOTORISCHE AKTIVITAT UND RUHEVERHALTEN BEI EINHEIMISCHEN SUSSWASSERFISCHEN (PISCES, PERCIDAE, CYPRINIDAE)  
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87(5)648
- 802911 NAVEED, SHAN AHMAD - 1968  
INTRODUCTION OF TROUT IN CHITRAL PAKISTAN J SCI  
20(1/2)34-41, 6 FIGS
- 802912 CALLEGARINI, CARLO; CUCCHI, CARLO - 1968  
POLIMORFISMO EMOGLOBINICO IN VARIE POPOLAZIONI DI GASTEROSTEUS ACULEATUS DI BACINI IDROGRAFICI DIVERSI  
ANN UNIV FERRARA SEZ 13 ANAT FISIOLOG COMP  
2(4)31-35, 1 FIG, 1 TABLE  
WITH ENGLISH SUMMARY
- 802913 ANDREWS, A P - 1968  
A RECORD OF THE SILVER SPOT THREPTERIUS MACULOSUS RICHARDSON 1850 FROM TASMANIA  
PAP PROC ROY SOC TASMANIA  
102(2)63-64, 1 FIG
- 802914 LIBOSVARSKY, JIRI - 1968  
SOME CONSIDERATION OF THE TROUT-ANGLER RELATIONSHIP  
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17(4)351-362, 6 FIGS, 3 TABLES
- 802915 LUSK, STANISLAV - 1968  
EGG AND MILT PRODUCTION IN THE BROWN TROUT (SALMO TRUTTA MORPHA FARIO L) IN THE LOUCKA CREEK  
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17(4)363-378, 6 FIGS, 6 TABLES
- 802916 TUSA, IVAN - 1968  
ON THE FEEDING BIOLOGY OF THE BROWN TROUT (SALMO TRUTTA M FARIO L) IN THE LOUCKA CREEK  
ZOOLOG LISTY  
17(4)379-395, 3 TABLES
- 802917 STEHLIK, JOSEF - 1968  
DIE FRUCHTBARKEIT DER PLOTZE - RUTILUS RUTILUS (LINNAEUS, 1758) AUS DER KLICAVA-TALSPERRE  
ZOOLOG LISTY  
17(2)175-184, 8 TABLES  
WITH ENGLISH SUMMARY
- 802918 HOLDEN, M J - 1968  
THE RATIONAL EXPLOITATION OF THE SCOTTISH-NORWEGIAN STOCKS OF SPURDOGS (SQUALUS ACANTHIAS L)  
FISH INVEST MIN AGR FISH FOOD (GR BRIT) SER II  
SALMON FRESHWATER FISH  
25(8)28P, 4 FIGS, 18 TABLES
- 802919 SATO, RYUHEI; KASHIWAGI, MASAOKI - 1968  
SALT WATER AND FRESH WATER POND REARING OF THE CHUM SALMON, ONCORHYNCHUS KETA (WALBAUM)  
TOHOKU J AGR RES  
19(2)127-135, 7 FIGS, 1 TABLE
- 802920 DAWSON, C E - 1968  
TWO NEW WORMFISHES (GOBIOIDEA, MICRODESMIDAE) FROM THE INDIAN OCEAN  
PROC BIOL SOC WASH  
81:53-68, 5 FIGS, 2 TABLES
- 802921 REINSCH, HANS HEINRICH - 1968  
DER EINTRITT DER GESCHLECHTSREIFE BEIM KOHLER POLLACHIUS VIRENS  
BER DEUT WISS KOMM MEERESFORSCH  
19(4)259-269, 3 FIGS, 7 TABLES
- 802922 WESTERNHAGEN, HEIN V - 1968  
VERSUCHE ZUR ERBRUTUNG DER EIER DES SCHELLFISCHES (MELANOGRAMMUS AEGLEFINUS L) UNTER KOMBINIERTEN SALZGEHALTS- UND TEMPERATURBEDINGUNGEN  
BER DEUT WISS KOMM MEERESFORSCH  
19(4)270-287, 17 FIGS  
WITH ENGLISH SUMMARY
- 802923 WHITE, RAY J - 1968  
IMPORTANCE OF APPENDICULARIANS AS FOOD OF LARVAL PLAICE (PLEURONECTES PLATESSA L) OFF HELGOLAND  
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19(4)288-291, 2 TABLES
- 802924 REINSCH, HANS HEINRICH - 1968  
UNTERSCHIEDE IN DEN JAHRESRINGEN ZWISCHEN RECHTEN UND LINKEN OTOLITHEN EINIGER KOHLER POLLACHIUS VIRENS (L)  
BER DEUT WISS KOMM MEERESFORSCH  
19(4)291-294, 4 FIGS, 2 TABLES  
WITH ENGLISH SUMMARY
- 802925 MURTY, A S; RAO, K HANUMANATHA - 1968  
ON A NEW HOST RECORD FOR THE FISH TREMATODE TRANSVERSOTREMA PATIALENSIS (SOPARKAR, 1924)  
CURR SCI  
37(22)652-653, 1 FIG
- 802926 WHITELAW, D - 1968  
IDENTIFICATION OF TWO TYPES OF MUCIN CELLS IN THE GILL OF THE GOLDFISH, CARASSIUS AURATUS  
S AFR J SCI  
64(10)415-416
- 802927 AOKI, NAOAKI - 1968  
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TRANS PROC PALAEONTOLOG SOC JAP N S  
(71)296-307, 14 FIGS, 1 TABLE
- 802928 THOMAS, E I - 1968  
THE ATRIO-VENTRICULAR VALVES OF ANABAS SCANDENS (CUV AND VAL)  
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34(12)494, 1 FIG
- 802929 LUSH, I E; COWEY, C B - 1968  
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BIOCHEM J  
110(3)33P-34P
- 802930 SCHRODER, JOHANNES HORST; YEGIN, M M - 1968  
QUALITATIVE UND QUANTITATIVE BESTIMMUNG DER FREIEN AMINOSAUEN BEI MOLLIESIA SPHENOPS (POECILIIDAE, PISCES)  
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87(2)163-172, 1 FIG, 2 TABLES  
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- 802931 CRANE, JOHN W; MIZELLE, JOHN D - 1968  
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J PARASITOL  
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- 802932 HSU, KATHLEEN C - 1968

- UNITUBULOTESTIS SARDAE (TREMATODA, DIDYMOZOIDEAE) FROM BRAZIL**  
J PARASITOL  
54(1)128
- 802933** HOGNESTAD, PER T - 1968  
**CENTROLOPHUS NIGER GMELIN AND CENTROLOPHUS BRITANNICUS GUNTHER (STROMATEIDAE) IN NORTH NORWAY**  
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(29)9P, 3 FIGS, 4 TABLES
- 802934** NIJSEN, H; ISBRUCKER, I J H - 1968  
**GYMNOTUS CARAPO AND G. ANGUILLARIS ( SYN, G. COROPINAE), TWO OFTEN CONFUSED SPECIES OF GYMNOTID FISHES (PISCES, CYPRINIFORMES)**  
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15(203)161-168, 1 TABLE
- 802935** MATTHES, H - 1968  
**THE FOOD AND FEEDING HABITS OF THE TIGER-FISH, HYDROCYON VITTATUS (CAST, 1861) IN LAKE KARIBA**  
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15(201)143-153, 2 FIGS, 6 TABLES
- 802936** SOOD, M L - 1968  
**ON HAEMONCHUS CONTORTUS (RUD, 1803) COBB, 1898, FROM FRESHWATER FISH, WALLAGONIA ATTU**  
RES BULL PANJAB UNIV SCI  
19(1/2)9-11, 6 FIGS
- 802937** TANDON, K K; GOSWAMI, S C - 1968  
**A COMPARATIVE STUDY OF THE DIGESTIVE SYSTEM OF CHANNA SPECIES**  
RES BULL PANJAB UNIV SCI  
19(1/2)13-31, 32 FIGS, 6 TABLES
- 802938** GUPTA, N K; KHULLAR, MANORMA - 1968  
**STUDIES ON THE MONOGENETIC TREMATODES OF SOME INDIAN MARINE FOOD FISHES**  
RES BULL PANJAB UNIV SCI  
19(1/2)47-69, 54 FIGS
- 802939** GUPTA, N K; KHULLAR, MANORMA - 1968  
**ON HETERAXINOID PSEUDOSCIENAI N SP (MONOGENEA, AXINIDAE) FROM THE GILLS OF A MARINE FISH FROM INDIA**  
RES BULL PANJAB UNIV SCI  
19(1/2)97-99, 4 FIGS
- 802940** TANDON, K K; GUPTA, J R - 1968  
**CHROMATOPHORE CONFIGURATIONS IN MACRONES BLEEKERI DAY**  
RES BULL PANJAB UNIV SCI  
19(1/2)249-250, 4 FIGS
- 802941** REICHENBACH-KLINKE, H - 1968  
**DIE BEEINFLUSSUNG DES ENZYMGEHALTS IM FISCHDARM DURCH PARASITEN**  
Z PARASITENK  
31(1)19
- 802942** VARMA, S K; GURAYA, S S - 1968  
**THE LOCALIZATION AND FUNCTIONAL SIGNIFICANCE OF ALKALINE PHOSPHATASE IN THE VERTEBRATE OVARY**  
EXPERIENTIA  
24(4)398-399, 2 FIGS
- 802943** SCHIRONE, ROBERT C; GROSS, LEO - 1968  
**EFFECT OF TEMPERATURE ON EARLY EMBRYOLOGICAL DEVELOPMENT OF THE ZEBRA FISH, BRACHYDANIO RERIO**  
J EXP ZOOL  
169(1)43-52, 7 FIGS, 2 TABLES
- 802944** MULLENER, NATHANAEL; CALDWELL, WILLARD E - 1968  
**A RADIAL BIMEDIAL DISCRIMINATION CHAMBER**  
J GENET PSYCHOL  
212(2)199-203, 1 FIG
- 802945** ANDO, KAZUO - 1968
- BIOCHEMICAL STUDIES ON THE LIPIDS OF CULTURED FISHES**  
J TOKYO UNIV FISH  
54(2)61-98, 5 FIGS, 6 TABLES  
IN JAPANESE WITH ENGLISH SUMMARY
- 802946** VADER, WIM - 1968  
**MAUROLICUS MUELLERI, HET LICHTEND SPOTJE, IN NEDERLAND (TELEOSTEI GONOSTOMIDAE)**  
LEVENDE NATUUR  
71(12)282-285  
WITH ENGLISH SUMMARY
- 802947** PENAZ, MILAN - 1968  
**DAS WACHSTUM EINIGER FISCHARTEN IM SVRATKA-FLUSS UND SEINE ANDERUNGEN UNTER DEM EINFLUSS DER TALSPERRE VIR**  
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2(11)52P, 33 FIGS, 16 TABLES  
WITH ENGLISH SUMMARY
- 802948** ZELINKA, MILOS - 1968  
**RESULTS OF LIMNOLOGICAL INVESTIGATIONS ON THE VALLEY RESERVOIRS IN THE MORAVA RIVER BASIN**  
ACTA SCI NATUR BRNO  
2(12)64P, 3 FIGS, 37 TABLES
- 802949** LEHRER, GERARD M; WEISS, CIPORA; LICHTMAN, CECILE; SILIDES, DEMETRA J; FURMAN, MOSES; MATHEWSON, ROBERT F - 1968  
**THE QUANTITATIVE HISTOCHEMISTRY OF SUPRAMEDULLARY NEURONS OF PUFFER FISHES**  
J CELL BIOL  
37(2)575-579, 2 TABLES
- 802950** MCEWEN, BRUCE S; GRAFSTEIN, BERNICE - 1968  
**FAST AND SLOW COMPONENTS IN AXONAL TRANSPORT OF PROTEIN**  
J CELL BIOL  
38(3)494-496
- 802951** JORDAN, CAROL; LI, M F - 1968  
**A PROTEOLYTIC PSEUDOMONAD FROM SKIN LESIONS OF RAINBOW TROUT (SALMO GAIARDNERII), II. SOME PROPERTIES OF THE PROTEINASE**  
CAN J MICROBIOL  
14(8)875-880, 7 FIGS, 2 TABLES
- 802952** FLETCHER, T C; GRANT, P T - 1968  
**GLYCOPROTEINS IN THE EXTERNAL MUCOUS SECRETIONS OF THE PLAICE, PLEURONECTES PLATESSA, AND OTHER FISHES**  
BIOCHEM J  
106(2)12P
- 802953** HASLEWOOD, G A D - 1968  
**PETROMYZONOL SULFATE, A BILE SALT OF LAMPREYS**  
BIOCHEM J  
107(2)6P
- 802954** SATO, MITSUO; TAKAHASHI, MASATSUGU - 1968  
**HISTOLOGICAL OBSERVATION OF THE REGENERATION OF THE MAXILLARY BARBELS OF THE LOACH, MISGURNUS ANGUILLICAUDATUS**  
JAP J ICHTHYOL  
15(1)1-6, 9 FIGS, 1 TABLE  
IN JAPANESE WITH ENGLISH SUMMARY
- 802955** NAKATSUKASA, YASUO - 1968  
**STUDIES ON THE POLYMORPHIC SARCOMA FOUND IN A CHUM SALMON, ONCORHYNCHUS KETA (WALBAUM)**  
JAP J ICHTHYOL  
15(1)7-10, 8 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 802956** HONMA, YOSHIHARU; SUZUKI, ATSUYOSHI - 1968  
**STUDIES ON THE ENDOCRINE GLANDS OF THE SALMONOID FISH, THE AYU, PLECOGLOSSUS ALTIVELIS TEMMINCK ET SCHLEGEL-VII, THE HYPOTHALAMIC NEUROSECRETORY SYSTEM OF THE KOAYU EXPOSED TO THE ARTIFICIAL PHOTOPERIODS**  
JAP J ICHTHYOL  
15(1)11-19, 3 FIGS

- 802957 RASTOGI, RAKESH K; SAXENA, P K - 1968  
ANNUAL CHANGES IN THE OVARIAN ACTIVITY OF THE  
CATFISH, MYSTUS TENGARA (HAM) (TELEOSTEI)  
JAP J ICHTHYOL  
15(1)28-35, 8 FIGS
- 802958 UENO, TATSUJI; ABE, KOJI - 1968  
ON RARE OR NEWLY FOUND FISHES FROM THE WATERS  
OF HOKKAIDO (III)  
JAP J ICHTHYOL  
15(1)36-38
- 802959 TOMINAGA, YOSHIKI - 1968  
INTERNAL MORPHOLOGY, MUTUAL RELATIONSHIPS AND  
SYSTEMATIC POSITION OF THE FISHES BELONGING TO  
THE FAMILY PEMPHERIDAE  
JAP J ICHTHYOL  
15(2)43-95, 17 FIGS, 6 TABLES
- 802960 NAKATSUKASA, YASUO - 1968  
A CASE OF SPINDLE CELL SARCOMA DEVELOPED IN  
ONCORHYNCHUS KISUTCH (WALBAUM)  
JAP J ICHTHYOL  
15(2)96-99, 2 FIGS  
IN JAPANESE WITH ENGLISH SUMMARY
- 802961 ROYCE, WILLIAM F; SMITH, LYNWOOD S;  
HARTT, ALLAN C - 1968  
MODELS OF OCEANIC MIGRATIONS OF PACIFIC SALMON  
AND COMMENTS ON GUIDANCE MECHANISMS  
U S FISH WILDLIFE SERV FISH BULL  
66(3)441-462, 17 FIGS
- 802962 VAUX, WALTER G - 1968  
INTRAGRAVEL FLOW AND INTERCHANGE OF WATER IN A  
STREAMBED  
U S FISH WILDLIFE SERV FISH BULL  
66(3)479-489, 14 FIGS, 2 TABLES
- 802963 OWEN, ROBERT W JR - 1968  
OCEANOGRAPHIC CONDITIONS IN THE NORTHEAST  
PACIFIC OCEAN AND THEIR RELATION TO THE  
ALBACORE FISHERY  
U S FISH WILDLIFE SERV FISH BULL  
66(3)503-526, 16 FIGS, 3 TABLES
- 802964 SAKUDA, HENRY M - 1968  
A RAPID METHOD OF TAGGING FISH  
U S FISH WILDLIFE SERV FISH BULL  
66(3)573-574, 1 FIG
- 802965 MCNEIL, WILLIAM J - 1968  
MIGRATION AND DISTRIBUTION OF PINK SALMON  
SPAWNERS IN SASHIN CREEK IN 1965, AND SURVIVAL  
OF THEIR PROGENY  
U S FISH WILDLIFE SERV FISH BULL  
66(3)575-585, 2 FIGS, 12 TABLES
- 802966 HAYASI, SIGEITI - 1968  
PRELIMINARY ANALYSIS OF THE CATCH CURVE OF THE  
PACIFIC SARDINE, SARDINOPS CAERULEA GIRARD  
U S FISH WILDLIFE SERV FISH BULL  
66(3)587-596, 3 FIGS, 2 TABLES
- 802967 LONG, CLIFFORD W - 1968  
DIEL MOVEMENT AND VERTICAL DISTRIBUTION OF  
JUVENILE ANADROMOUS FISH IN TURBINE INTAKES  
U S FISH WILDLIF SERV FISH BULL  
66(3)599-609, 8 FIGS, 8 TABLES
- 802968 SCHAEFER, RICHARD H - 1968  
SIZE, AGE COMPOSITION AND MIGRATION OF STRIPED  
BASS FROM THE SURF WATERS OF LONG ISLAND  
N Y FISH GAME J  
15(1)1-51, 35 FIGS, 15 TABLES
- 802969 FORNEY, JOHN L - 1968  
EFFECT OF DIFFERENT FERTILIZERS ON YIELD OF  
GOLDEN SHINERS IN NEW YORK PONDS  
N Y FISH GAME J  
15(1)112-116, 1 FIG, 1 TABLE
- 802970 SCHAEFER, RICHARD H - 1968  
SEX COMPOSITION OF STRIPED BASS FROM THE LONG  
ISLAND SURF  
N Y FISH GAME J  
15(1)117-118, 1 TABLE
- 802971 BURDICK, G E; DEAN, H J; HARRIS, E J; SKEA,  
JACK; FRISA, CHARLES; SWEENEY, CLARE - 1968  
METHOXYCHLOR AS A BLACKFLY LARVICIDE,  
PERSISTENCE OF ITS RESIDUES IN FISH AND ITS  
EFFECT ON STREAM ARTHROPODS  
N Y FISH GAME J  
15(2)121-142, 11 TABLES
- 802972 FORNEY, JOHN L - 1968  
PRODUCTION OF YOUNG NORTHERN PIKE IN A  
REGULATED MARSH  
N Y FISH GAME J  
15(2)143-154, 2 FIGS, 6 TABLES
- 802973 BRIGGS, PHILIP T - 1968  
THE SPORT FISHERIES FOR SCUP IN THE INSHORE  
WATERS OF EASTERN LONG ISLAND  
N Y FISH GAME J  
15(2)165-185, 5 FIGS, 12 TABLES
- 802974 FOEHRENBACH, JACK - 1968  
OCCURRENCE OF THE BIGEYE IN LONG ISLAND WATERS  
N Y FISH GAME J  
15(2)191-192, 1 FIG
- 802975 LOEB, HOWARD A - 1968  
DURATION OF JAW MARKS IN GROWING FINGERLING  
TROUT  
N Y FISH GAME J  
15(2)193-194, 1 TABLE
- 802976 LOEB, HOWARD A - 1968  
NOTES ON THE SURFACING OF FISH DUE TO CHEMICAL  
ACTION  
N Y FISH GAME J  
15(2)195-196
- 802977 LOEB, HOWARD A; KELLY, WILLIAM H - 1968  
EYELESSNESS DUE TO CANNIBALISM IN A POPULATION  
OF STUNTED BROWN TROUT  
N Y FISH GAME J  
15(2)197-200, 1 TABLE
- 802978 KRULL, JOHN N - 1968  
SOME OBSERVATIONS CONCERNING FISH FOUND ON THE  
MONTEZUMA NATIONAL WILDLIFE REFUGE  
N Y FISH GAME J  
15(2)201-202
- 802979 SILVER, MICHAEL A; SHENK, WILBUR D - 1968  
TEMPERATURE DEPENDENCE OF GLUCOSE CONCENTRATION  
IN TOADFISH BLOOD  
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9(1)1-8, 2 FIGS, 5 TABLES
- 802980 TSAI, CHU-FA - 1968  
EFFECTS OF CHLORINATED SEWAGE EFFLUENTS ON  
FISHES IN UPPER PATUXENT RIVER, MARYLAND  
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9(2)83-93, 4 FIGS, 3 TABLES
- 802981 SINDERMAN, CARL J; KRANTZ, GEORGE E - 1968  
ERYTHROCYTE ANTIGENS AND NATURAL ISOAGGLUTININS  
OF THE AMERICAN EEL, ANGUILLA ROSTRATA, FROM  
CHESAPEAKE BAY  
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9(2)94-98, 3 TABLES
- 802982 KENDALL, ARTHUR W JR; SCHWARTZ, FRANK J - 1968  
LETHAL TEMPERATURE AND SALINITY TOLERANCES OF  
THE WHITE CATFISH ICTALURUS CATUS, FROM THE  
PATUXENT RIVER, MARYLAND  
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9(2)103-108, 3 FIGS, 3 TABLES

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- 802983 WOOLCOTT, WILLIAMS; BIERNE, CAPERTON;  
HALL, WILLIAM M JR - 1968  
DESCRIPTIVE AND COMPARATIVE OSTEOLOGY OF THE  
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9(2)109-120, 4 FIGS, 7 TABLES
- 802984 ROBINSON, PAUL F; SCHWARTZ, FRANK J - 1968  
TOXICITY OF THE NORTHERN PUFFER, SPHAEROIDES  
MACULATUS, IN THE CHESAPEAKE BAY AND ITS  
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9(2)136-137, 1 TABLE
- 802985 SMITH, W G; NORCROSS, JOHN J - 1968  
THE STATUS OF THE SCUP (STENOTOMUS CHRYSOPS) IN  
WINTER TRAWL FISHERY  
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9(4)207-216, 7 FIGS, 1 TABLE
- 802986 TRENT, LEE; HASSLER, WILLIAM W - 1968  
GILL NET SELECTION, MIGRATION, SIZE AND AGE  
COMPOSITION, SEX RATIO, HARVEST EFFICIENCY, AND  
MANAGEMENT OF STRIPED BASS IN THE ROANOKE  
RIVER, NORTH CAROLINA  
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9(4)217-232, 5 FIGS, 10 TABLES
- 802987 MIZEJEWSKI, GERALD J; RAMM, GORDON M - 1968  
CARBON PARTICLE UPTAKE BY MACROPHAGES IN THE  
OVARY AND THYROID OF FUNDULUS DURING VARIOUS  
SEASONAL CYCLES  
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9(4)233-237, 4 FIGS
- 802988 SWARTZ, RICHARD C; VAN ENGEL, WILLARD A - 1968  
LENGTH, WEIGHT, AND GIRTH RELATIONS IN THE  
TOADFISH, OPSANUS TAU  
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9(4)249-253, 4 FIGS, 2 TABLES
- 802989 LAWLER, ADRIAN R - 1968  
NEW HOST RECORD FOR THE PARASITIC  
DINOFLLAGELLATE OODINIUM CYPRINODONTUM LAWLER,  
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9(4)263, 1 TABLE
- 802990 CASE, GERARD P - 1968  
'INLAND' SHARK OCCURRENCE  
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5(1)20-21, 37, 3 FIGS
- 802991 WICKLUND, ROBERT I - 1968  
SOME NIGHT OBSERVATIONS ON MARINE ANIAMLS IN  
THE BAHAMAS  
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5(1)24-27, 2 FIGS
- 802992 CARSON, JOHN B - 1968  
THE GREEN SUNFISH  
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5(1)29, 1 FIG
- 802993 MULLER, WILLIAM A - 1968  
THE WHITE PERCH, ROCCUS AMERICANUS  
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5(1)30-31, 1 FIG
- 802994 ROHR, BENNIE A - 1968  
SURFACE SCHOOLING OF RED DRUM  
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5(2)21-23, 1 FIG
- 802995 WICKLUND, ROBERT I; WILK, STUART J; OGREN,  
LARRY - 1968  
OBSERVATIONS ON WINTERING LOCATIONS OF THE  
NORTHERN PIPEFISH AND SPOTTED SEAHORSE  
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5(2)26-28, 2 FIGS, 1 TABLE
- 802996 COOLEY, ARTHUR P - 1968  
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- 802997 WICKLUND, ROBERT I - 1968  
OBSERVATIONS ON THE FEEDING BEHAVIOR OF THE  
FALSE ALBACORE  
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5(2)30-31, 2 FIGS
- 802998 BOYLE, ROBERT H - 1968  
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- 802999 MACMILLAN, GRAHAM - 1968  
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- 803000 HOBSON, EDMUND S - 1968  
COLORATION AND ACTIVITY OF FISHES, DAY AND  
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5(3)6-11, 4 FIGS
- 803001 OGREN, LARRY; CHESS, JAMES; LINDENBERG, JOHN  
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MORE NOTES ON THE BEHAVIOR OF YOUNG SQUIRREL  
HAKE, UROPHYCIS CHUSS  
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5(3)38-39, 1 FIG
- 803002 HOOGERWERF, DICK - 1968  
CURACAO FIELDNOTES  
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- 803003 WICKLUND, ROBERT I - 1968  
ESCAPE PATTERNS OF THE SILVERSIDES  
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- 803004 RANDALL, D J - 1968  
FUNCTIONAL MORPHOLOGY OF THE HEART IN FISHES  
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8(2)179-189, 7 FIGS
- 803005 JOHANSEN, KJELL; HANSON, DAVID - 1968  
FUCTIONAL ANATOMY OF THE HEARTS OF LUNGFISHES  
AND AMPHIBIANS  
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8(2)191-210, 15 FIGS
- 803006 FUJINO, KAZUO; KANG, TAGAY - 1968  
TRANSFERRIN GROUPS OF TUNAS  
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59(1)79-91, 4 FIGS, 9 TABLES
- 803007 FRIDBERG, GUNNAR; BERN, HOWARD A - 1968  
THE UROPHYSIS AND THE CAUDAL NEUROSECRETORY  
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43(2)175-199, 4 FIGS
- 803008 MASLIN, T PAUL - 1968  
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VERTEBRATES  
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17(3)219-231
- 803009 BROOKS, JOHN LANGDON - 1968  
THE EFFECTS OF PREY SIZE SELECTION BY LAKE  
PLANKTIVORES  
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17(3)273-291, 5 FIGS
- 803010 ASHMOLE, N PHILIP - 1968



	<b>BODY SIZE, PREY SIZE, AND ECOLOGICAL SEGREGATION IN FIVE SYMPATRIC TROPICAL TERNS (AVES, LARIDAE)</b> SYST ZOOL 17(3)292-304, 1 FIG, 2 TABLES	<b>803023</b>	PETERS, HANS M - 1968 <b>UBER EIREIFUNG UND OVULATION BEI CRENILABRUS (LABRIDAE, TELEOSTEI)</b> ZOOLOG ANZ 181(5/6)371-378, 4 FIGS, 1 TABLE WITH ENGLISH SUMMARY	<b>803011 - 803035</b>
<b>803011</b>	MCDOWALL, R M - 1968 <b>OCEANIC ISLANDS AND ENDEMISM</b> SYST ZOOL 17(3)346-350, 2 TABLES	<b>803024</b>	SHARMA, R G; SINGH, C P - 1968 <b>STUDY ON THE PITUITARY GLAND OF MASTACEMBELUS GUNTHERI (GUNTHER)</b> ZOOLOG ANZ 181(5/6)379-385, 5 FIGS	
<b>803012</b>	BARLOW, GEORGE W; LIEM, KAREL F; WICKLER, WOLFGANG - 1968 <b>BADIDAE, A NEW FISH FAMILY-BEHAVIOURAL, OSTEOLOGICAL, AND DEVELOPMENTAL EVIDENCE</b> J ZOOL PROC ZOOL SOC LONDON 156(4)415-447, 15 FIGS	<b>803025</b>	GOLDSTEIN, ROBERT J; HENSON, RICHARD N; SCHLICHT, FRANK G - 1968 <b>ACANTHOBOTHRIUM LINTONI SP N (CESTODA, TETRAPHYLIDEA) FROM THE ELECTRIC RAY, NARCINE BRASILIENSIS (OLFERS) IN THE GULF OF MEXICO</b> ZOOLOG ANZ 181(5/6)435-438, 6 FIGS	
<b>803013</b>	MULLER, K - 1968 <b>FREILAUFENDE CIRCADIENE PERIODIK VON ELLRITZEN AM POLARKREIS</b> NATURWISSENSCHAFTEN 55(3)2P, 1 FIG	<b>803026</b>	LABAT, R; DEMERS, J-M; LAFFONT, J - 1968 <b>RECHERCHES SUR LA REGULATION CARDIAQUE CHEZ QUELQUES VERTEBRES INFERIEURS</b> BULL SOC HIST NATUR TOULOUSE 104(1/2)69-81, 2 FIGS, 5 TABLES	
<b>803014</b>	RANDALL, JOHN E - 1968 <b>IOGLOSSUS HELENAE, A NEW GOBIID FISH FROM THE WEST INDIES</b> ICHTHYOL AQUARIUM J 39(3/4)107-116, 3 FIGS, 2 TABLES	<b>803027</b>	BASSOT, JEAN-MARIE - 1968 <b>LES ORGANES LUMINEUX A BACTERIES SYMBIOTIQUES DU TELEOSTEEN ANOMALOPS, DONNEES HISTOLOGIQUES</b> BULL SOC ZOOL FR 93(4)569-579, 8 FIGS, 1 TABLE WITH ENGLISH SUMMARY	
<b>803015</b>	ROBERTS, TYSON R - 1968 <b>RHEOGLANIS DENDROPHORUS AND ZAIREICHTHYS ZONATUS, BAGRID CATFISHES FROM THE LOWER RAPIDS OF THE CONGO RIVER</b> ICHTHYOL AQUARIUM J 39(3/4)119-131, 4 FIGS	<b>803028</b>	BYCZKOWSKA-SMYK, WANDA - 1968 <b>BILE CANALICULI IN HEPATIC CELLS OF THE CRUCIAN CARP (CARASSIUS CARASSIUS L) AND TENCH (TINCA TINCA L)</b> ACTA BIOL CRACOV SER ZOOL 11(1)93-100, 18 FIGS	
<b>803016</b>	CRANE, JOHN W; MIZELLE, JOHN D - 1968 <b>STUDIES ON MONOGENETIC TREMATODES, XXIX. SPECIES FROM THE BLUEGILL (LEPOMIS MACROCHIRUS) AND SIZE RELATIONSHIPS OF THREE SPECIES FROM DIFFERENT AREAS</b> ICHTHYOL AQUARIUM J 39(3/4)135-143, 2 FIGS, 2 TABLES	<b>803029</b>	SKRZYPCZYNSKA, MALGORZATA - 1968 <b>THE RESPIRATORY SURFACE OF GILLS OF ODONTOGADUS MERLANGUS EUXINUS NORDM</b> ACTA BIOL CRACOV SER ZOOL 11(1)101-109, 4 FIGS, 3 TABLES	
<b>803017</b>	MENON, A G K - 1968 <b>TAXONOMY OF PUNTIUS FILAMENTOSUS (VALENCIENNES) A CYPRINID FISH OF SOUTH INDIA AND CEYLON</b> ICHTHYOL AQUARIUM J 39(3/4)147-153, 3 FIGS	<b>803030</b>	WILLIAMS, R R - 1968 <b>CERCARIA STEPHANOCAUDA FAUST, AS THE CERCARIA OF LEUCERUTHRUS MICROPTERI MARSHALL AND GILBERT</b> PROCPA ACAD SCI 42:57-60, 6 FIGS	
<b>803018</b>	FRANK, STANISLAV - 1968 <b>THE GROWTH OF PERCH, PERCA FLUVIATILIS, IN THE COURSE OF THE FIRST YEAR OF LIFE IN TWO VALLEY RESERVOIRS IN CZECHOSLOVAKIA</b> ICHTHYOL AQUARIUM J 39(3/4)155-166, 6 FIGS, 3 TABLES	<b>803031</b>	BANARESCU, PETRU - 1968 <b>RECENT ADVANCES IN TELEOST TAXONOMY AND THEIR IMPLICATIONS ON FRESHWATER ZOOGEOGRAPHY</b> REV ROUM BIOL 13(3)153-160	
<b>803019</b>	GOSLINE, WILLIAM A - 1968 <b>THE SUBORDERS OF PERCIFORM FISHES</b> PROC U S NAT MUS 124(3647)78P, 12 FIGS	<b>803032</b>	NECRASOV, OLGA; ADASCALTITEI, ECATERINA - 1968 <b>QUELQUES MODIFICATIONS MORPHOLOGIQUES RELATIVES A L'ABSENCE CONGENITALE D'UN OIL CHEZ SILURUS GLANIS L</b> REV ROUM BIOL 13(3)179-186, 10 FIGS	
<b>803020</b>	PEGETA, V P - 1968 <b>ENCHONDRAL OSSIFICATION IN LATIMERIA CHALUMNAE SMITH</b> DOPOV AKAD NAUK UKR RSR SER B 30(7)653-656, 1 FIG IN RUSSIAN WITH ENGLISH SUMMARY	<b>803033</b>	TRANDABURU, T - 1968 <b>EFFET DU GLUCOSE SUR L'ACTIVITE DES ILOTS DE LANGERHANS CHEZ QUELQUES ESPECES DE VERTEBRES INFERIEURS (POISSONS ET AMPHIBIENS)</b> REV ROUM BIOL 13(3)205-209, 7 FIGS, 1 TABLE WITH ENGLISH SUMMARY	
<b>803021</b>	BUSSIERAS, J; ALDRIN, J F - 1968 <b>SPHYRIOCEPHALUS DOLLFUSI N SP, CESTODE TRYPANORHYNCHA PARASITE DE L'ESTOMAC DU THON PATUDO, THUNNUS OBESUS</b> ANN PARASITOL HUM COMP 43(6)645-653, 7 FIGS WITH ENGLISH SUMMARY	<b>803034</b>	PAEPKE, HANS-JOACHIM - 1968 <b>PAEPKE, HANS-JOACHIM - 1968 EINE MISCHPOPULATION DES DREISTACHLIGEN STICHLINGS (GASTEROSTEUS ACULEATUS L) AUS DER UMGEGEND VON POTSDAM VEREINF BEZIRKSHEIMATMUS (POTSDAM) (16)23-34, 5 FIGS, 4 TABLES</b>	
<b>803022</b>	SINGH, B R; MUNSHI, J S DATTA - 1968 <b>THE JAW MUSCLES AND THEIR MODE OF WORKING IN TWO INDIAN SILUROID FISHES</b> ZOOLOG ANZ 181(5/6)356-370, 31 FIGS	<b>803035</b>	RAPPOPORT, D A; DAGINAWALA, H F - 1968 <b>CHANGES IN NUCLEAR RNA OF BRAIN INDUCED BY</b>	

- 803036 OLFACTION IN CATFISH  
J NEUROCHEM  
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- 803036 SLAUGHTER, BOB H; STEINER, MAUREEN - 1968  
NOTES ON ROSTRAL TEETH OF GANOPRISTINE  
SAWFISHES, WITH SPECIAL REFERENCE TO TEXAS  
MATERIAL  
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42(1)233-239, 4 FIGS
- 803037 THOMSON, KEITH STEWART - 1968  
FURTHER NOTE ON THE STRUCTURE OF RHIPIDISTIAN  
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42(1)243
- 803038 KUHLMORGEN-HILLE, GEORG - 1968  
AN ILLUSTRATED FIELD KEY TO THE FISH FAMILY  
LEIOGNATHIDAE IN THE GULF OF THAILAND  
CONTRIB MAR FISH LAB (BANGKOK)  
(12)7P, 18 FIGS
- 803039 OPUSZYNSKI, K - 1968  
CARP POLYCULTURE WITH PLANT-FEEDING FISH, GRASS  
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CARP (HYPOPTHALMICHTHYS MOLITRIX VAL)  
BULL ACAD POLONAISE SCI BIOL  
16(11)677-681, 3 TABLES
- 803040 ARBAULT, SUZANNE; BOUTIN, NICOLE - 1968  
ICHTHYOPLANKTON OEUFS ET LARVES DE POISSONS  
TELEOSTEENS DANS LE GOLFE DE GASCogne EN 1964  
REV TRAV INST PECHES MARIT  
32(4)413-476, 64 FIGS, 1 TABLE
- 803041 MORICE, JEAN; WARLUZEL, NOEL - 1968  
LA PECHE A LA CREVETTE SUR LE PLATEAU GUYANAIS  
LES TECHNIQUES AMERICAINES ET L'ANALYSE DES  
CAPTURES  
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- 803042 PARIS, J; QUIGNARD, J P - 1968  
QUELQUES CAS D'AMBI-COLORATION ET D'ALBINISME  
CHEZ SOLEA VULGARIS QUENSEL  
REV TRAV INST PECHES MARIT  
32(4)507-510, 4 FIGS
- 803043 DUNSTAN, D J - 1968  
FISHERIES DESTROYED BY UNCHECKED ESTUARINE  
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2(12)1-8, 7 FIGS
- 803044 LLEWELLYN, L C - 1968  
TAGGING GIVES ANSWERS TO FISH GROWTH QUERIES  
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3(1)1-5, 6 FIGS, 1 TABLE
- 803045 TILZEY, RICHARD - 1968  
PRELIMINARY FINDINGS ON THE GROWTH OF LAKE  
EUCUMBENE TROUT  
FISHERMAN  
3(3)18-22, 7 FIGS, 2 TABLES
- 803046 DRAHOS, NICK - 1968  
FISH WITH A FUTURE, THE SILVER (COHO) SALMON  
CONSERVATIONIST  
22(5)2-3, 4 FIGS
- 803047 DRAHOS, NICK - 1968  
AN IMPOSSIBLE RAINBOW TROUT  
CONSERVATIONIST  
22(5)33, 1 FIG
- 803048 KELSEY, PAUL M - 1968  
PICKEREL, PIKE OR MUSKIE?  
CONSERVATIONIST  
22(5)41, 1 FIG
- 803049 CARLSON, CLARENCE A - 1968  
LIFE AND DEATH IN THE LARGEMOUTH BASS  
CONSERVATIONIST  
23(1)20-21, 3 FIGS
- 803050 MYER, JAMES S; RICCI, DAVID - 1968  
DELAY OF PUNISHMENT GRADIENTS FOR THE GOLDFISH  
J COMP PHYSIOL PSYCHOL  
66(2)417-421, 3 FIGS
- 803051 BILLARD, ROLAND - 1968  
INFLUENCE DE LA TEMPERATURE SUR LA DUREE ET  
L'EFFICACITE DE LA SPERMATOGENESE DU GUPPY  
POECILIA RETICULATA  
C R HEBD SEANCES ACAD SCI PARIS SER D  
266(24)2287-2290, 2 FIGS, 1 TABLE
- 803052 BLANC, NELLY; MORDECHAI, ABRAHAM - 1968  
EVALUATION DU POUVOIR GONADOTROPE DANS  
L'HYPOPHYSE DE CYPRINUS CARPIO ET MUGIL  
CEPHALUS  
C R HEBD SEANCES ACAD SCI PARIS SER D  
267(10)958-961, 1 TABLE
- 803053 CHARTIER-BARADUC, MARIE-MADELEINE;  
DEVILLE, JACQUELINE; LOPEZ, EVELYNE;  
PONCET, MICHELE - 1968  
SUR LES VARIATIONS DE LA CALCEMIE OBSERVEES  
CHEZ SALMO SALAR L A DIVERSES ETAPES DE SON  
CYCLE VITAL, LEUR DETERMINISME ENDOCRINIE ET  
LEUR INTERVENTION EVENTUELLE SUR LE  
COMPORTEMENT  
C R HEBD SEANCES ACAD SCI PARIS SER D  
268(15)1958-1961, 3 TABLES
- 803054 RUBINOFF, ROBERTA W; RUBINOFF, IRA - 1968  
INTEROCEANIC COLONIZATION OF A MARINE GOBY  
THROUGH THE PANAMA CANAL  
NATURE (LONDON)  
217(5127)476-478, 2 FIGS, 1 TABLE
- 803055 KARMARKAR, S P; GAZDAR, G S - 1968  
STUDY ON THE CYTOLOGY OF BLOOD CELLS OF  
CHILOSCILLUM GRESHIUM  
J ANIM MORPHOL PHYSIOL  
15(1/2)40-45, 22 FIGS
- 803056 MISRA, P M; SAILA, S B - 1968  
GROWTH OF TELEOST EGGS IN DEUTERIUM  
J ANIM MORPHOL PHYSIOL  
15(1/2)168-176, 2 FIGS, 1 TABLE
- 803057 EMINOV, A - 1968  
ABOUT THE FEEDING AND FISHBREEDING SIGNIFICANCE  
OF SOME HIBERNATING, FISH-EATING BIRDS OF  
SOUTHEASTERN TURKMENISTAN  
IZV AKAD NAUK TURKM SSR SER BIOL NAUK  
(5)76-81, 1 TABLE  
IN RUSSIAN
- 803058 MAKSIMOV, V P - 1968  
ON THE INCIDENT OF A SWORDFISH ATTACKING A  
SHARK  
VOP IKHTIOL  
8(5)949  
IN RUSSIAN
- 803059 TARUSOV, B I; PANYUSHKIN, J A - 1968  
ON THE ROLE OF LIPOID ANTIOXIDANTS IN THE  
ADAPTATION OF FISH TO VARIOUS OSMOTIC  
CONDITIONS  
VOP IKHTIOL  
8(5)949-952, 3 FIGS  
IN RUSSIAN
- 803060 TRUNOV, I A - 1968  
SOME PRELIMINARY DATA ON THE COMPOSITION AND  
DISTRIBUTION OF SOME FISH FROM THE SOUTHEASTERN  
ATLANTIC  
VOP IKHTIOL  
8(5)952-954, 1 FIG  
IN RUSSIAN

803061	NOVIKOV, N P - 1968 TAGGING OF BLACKCOD (ANOPLOPOMA FIMBRIA PALL) VOP IKHTIOL 8(5)955-957, 1 FIG IN RUSSIAN	803074	SVARDSON, GUNNAR; MOLIN, GOSTA - 1968 GROWTH, WEIGHT AND YEAR-CLASS FLUCTUATIONS IN THE PIKE-PERCH (LUCIOPERCA LUCIOPERCA L) OF LAKES HJALMAREN AND MALAREN REP INST FRESHWATER RES DROTTNINGHOLM (48)17-35, 13 TABLES	803061 - 803086
803062	BATH, HANS - 1968 UNTERSUCHUNG VON BLENNIUS ZVONIMIRI KOLOBATOVIC UND BESCHREIBUNG VON BLENNIUS INCOGNITUS N SP AUS DEM MITTELMEER, (PISCES, BLENNIOIDEA, BLENNIIDAE) SENCKENBERGIANA BIOL 49(5) 367-386, 19 FIGS, 2 TABLES	803075	PETERSON, HANS H - 1968 THE GRAYLING, THYMALLUS THYMALLUS (L), OF THE SUNDSVALL BAY AREA REP INST FRESHWATER RES DROTTNINGHOLM (48)36-56, 6 FIGS, 4 TABLES	
803063	GUTMANN, WOLFGANG-FRIEDRICH - 1968 DIE FUNKTIONELLE BEZIEHUNG VON ACHSENSKELETT-UND STAMM-MUSKEL-APPARAT DER FISCHARTIGEN VERTEBRATEN SENCKENBERGIANA BIOL 49(3/4)265-272, 2 FIGS	803076	NYMAN, LENNART; WESTIN, LARS - 1968 ON THE PROBLEM OF SIBLING SPECIES AND POSSIBLE INTRASPECIFIC VARIATION IN FOURHORN SCULPIN, MYOXOCEPHALUS QUADRICORNIS (L) REP INST FRESHWATER RES DROTTNINGHOLM (48)57-66, 6 FIGS, 3 TABLES	
803064	MOE, MARTIN A JR - 1968 FIRST GULF OF MEXICO RECORD FOR LUTJANUS CYANOPTERUS QUART J FLA ACAD SCI 29(4)285-286	803077	WESTIN, LARS - 1968 THE FERTILITY OF FOURHORN SCULPIN, MYOXOCEPHALUS QUADRICORNIS (L) REP INST FRESHWATER RES DROTTNINGHOLM (48)67-70, 2 FIGS, 2 TABLES	
803065	SPRINGER, STEWART - 1968 TRIAKIS FEHLMANNI, A NEW SHARK FROM THE COAST OF SOMALIA PROC BIOL SOC WASH 81(56)613-624, 5 FIGS	803078	WESTIN, LARS - 1968 LETHAL LIMITS OF TEMPERATURE FOR FOURHORN SCULPIN MYOXOCEPHALUS QUADRICORNIS (L) REP INST FRESHWATER RES DROTTNINGHOLM (48)71-76, 1 FIG, 2 TABLES	
803066	BARBOUR, CLYDE D; CONTRERAS, SALVADOR - 1968 ALGANSEA MONTICOLA, A NEW CYPRINID FISH FROM THE PACIFIC SLOPE OF CENTRAL MEXICO PROC BIOL SOC WASH 81(13)101-107, 3 FIGS, 1 TABLE	803079	BERGLUND, TORSTEN - 1968 THE INFLUENCE OF PREDATION BY BROWN TROUT ON ASELLUS IN A POND REP INST FRESHWATER RES DROTTNINGHOLM (48)77-101, 13 FIGS, 2 TABLES	
803067	COLLETTE, BRUCE B - 1968 DAECTOR SCHMITTI, A NEW SPECIES OF VENOMOUS TOADFISH FROM THE PACIFIC COAST OF CENTRAL AMERICA PROC BIOL SOC WASH 81(19)155-159, 2 FIGS, 1 TABLE	803080	HASSELROT, TORSTEN B - 1968 REPORT ON CURRENT FIELD INVESTIGATIONS CONCERNING THE MERCURY CONTENT IN FISH, BOTTOM SEDIMENT, AND WATER REP INST FRESHWATER RES DROTTNINGHOLM (48)102-111, 3 FIGS, 1 TABLE	
803068	SMITH-VANIZ, WILLIAM F.- 1968 A NEW CLINGFISH, TOMICODON RHABDOTUS FAMILY GOBIESOCIDAE, FROM THE LESSER ANTILLES PROC BIOL SOC WASH 81(46)473-477, 1 FIG, 3 TABLES	803081	HANNERZ, LENNART - 1968 THE ROLE OF FEEDING HABITS IN THE ACCUMULATION OF FALL OUT 137CS IN FISH REP INST FRESHWATER RES DROTTNINGHOLM (48)112-119, 2 TABLES	
803069	CHERVINSKI, JONATHAN - 1968 THE CICHLIDS OF EIN-FESHKHA SPRINGS II. TILAPIA ZILLII (GERVAIS) HYDROBIOLOGIA 35(1/2)157-160, 3 TABLES	803082	HANNERZ, LENNART - 1968 EXPERIMENTAL INVESTIGATIONS ON THE ACCUMULATION OF MERCURY IN WATER ORGANISMS REP INST FRESHWATER RES DROTTNINGHOLM (48)120-176, 21 FIGS, 17 TABLES	
803070	CHERVINSKI, JONATHAN - 1968 THE CICHLIDS OF EIN-FESHKHA SPRINGS I. TILAPIA AUREA EXUL (STEINITZ) HYDROBIOLOGIA 32(1/2)150-156, 6 TABLES	803083	MATHISEN, OLE A; BERG, MAGNUS - 1968 GROWTH RATES OF THE CHAR SALVELINUS ALPINUS (L) IN THE VARDNES RIVER, TROMS, NORTHERN NORWAY REP INST FRESHWATER RES DROTTNINGHOLM (48)177-186, 3 FIGS, 8 TABLES	
803071	NAKAMURA, IZUMI - 1968 JUVENILES OF THE STRIPED MARLIN, TETRAPTURUS AUDAX (PHILLIPI) MEM KYOTO UNIV COLL AGR FISH SER (94)17-29, 8 FIGS, 1 TABLE	803084	JENSEN, KJELL W - 1968 SEATROUT (SALMO TRUTTA, L) OF THE RIVER ISTR, WESTERN NORWAY REP INST FRESHWATER RES DROTTNINGHOLM (48)187-213, 5 FIGS, 19 TABLES	
803072	DENISON, ROBERT H - 1968 EARLY DEVONIAN LUNGFISHES FROM WYOMING, UTAH, AND IDAHO FIELDIANA GEOL 17(4)353-413, 26 FIGS	803085	REINBOTH, RUDOLF - 1968 PROTOGYNIE BEI PAPAGEIFISCHEN (SCARIDAE) Z NATURFORSCH 23(6)852-855, 2 FIGS, 1 TABLE	
803073	NILSSON, NILS-ARVID; SVARDSON, GUNNAR - 1968 SOME RESULTS OF THE INTRODUCTION OF LAKE TROUT (SALVELINUS NAMAYCUSH WALBAUM) INTO SWEDISH LAKES REP INST FRESHWATER RES DROTTNINGHOLM (48)5-16, 3 FIGS, 3 TABLES	803086	HELFRICH, PHILIP; PIYAKARNCHANA, TWESUKDI; MILES, PHILLIP S - 1968 CIGUATERA FISH POISONING, I, THE ECOLOGY OF CIGUATERIC REEF FISHES IN THE LINE ISLANDS OCCAS PAP BERNICE P BISHOP MUS 23(14)305-369, 15 FIGS, 6 TABLES	

803087 - 803114	803087	NAFAKTIKIS, BASIL G; PAXTON, JOHN R - 1968 REVIEW OF THE LANTERNFISH GENUS LAMPADENA WITH A DESCRIPTION OF A NEW SPECIES LOS ANGELES COUNTY MUS CONTRIB SCI (138)29P, 10 FIGS, 1 TABLE	803101	GRABOWSKI, JOHN G; THOMPSON, TRAVIS - 1968 EFFECTS OF VISUAL REINFORCER BRIGHTNESS AND COLOR ON OPERANT BEHAVIOR OF SIAMESE FIGHTING FISH PSYCHONOMIC SCI 11(3)111-112, 1 FIG, 1 TABLE
	803088	GILBERT, CARTER R; RANDALL, JOHN E - 1968 GOBIONELLUS SAEPEPALLENIS, A NEW GOBIID FISH FROM THE TROPICAL WESTERN ATLANTIC NOTULAE NATUR (PHILADELPHIA) (411)8P, 1 FIG, 2 TABLES	803102	PINCKNEY, GEORGE A - 1968 RESPONSE CONSEQUENCES AND SIDMAN AVOIDANCE BEHAVIOR IN THE GOLDFISH PSYCHONOMIC SCI 12(1)13-14, 1 FIG
	803089	ENSOR, D M; BALL, J N - 1968 PROLACTIN AND FRESHWATER SODIUM FLUXES IN POECILIA LATIPINNA (TELEOSTEI) J ENDOCRINOL 41(4)XVI	803103	BEHREND, ERIKA R; BITTERMAN, M E - 1968 PARTIAL REINFORCEMENT AND CLASSICAL CONDITIONING IN TWO SPECIES OF FISH PSYCHONOMIC SCI 11(5)167-168, 2 FIGS
	803090	BOITANO, JOHN J; FOSKETT, MARY DAY - 1968 EFFECTS OF PARTIAL REINFORCEMENT ON SPEED OF APPROACH RESPONSES IN GOLDFISH (CARASSIUS AURATUS) PSYCHOL REP PART 1 22:741-744, 1 FIG	803104	MARKERT, CLEMENT L - 1968 THE MOLECULAR BASIS FOR ISOZYMES ANN N Y ACAD SCI 15(1)14-40, 9 FIGS
	803091	BROOKSHIRE, KENNETH H; HOGNANDER, ORVILLE C 1968 CONDITIONED FEAR IN THE FISH PSYCHOL REP 22:75-81, 3 FIGS	803105	ALLISON, WILLIAM S - 1968 STRUCTURE AND EVOLUTION OF TRIOSE PHOSPHATE AND LACTATE DEHYDROGENASES ANN N Y ACAD SCI 15(1)180-189, 9 TABLES
	803092	COSTANZO, D J; TAYLOR, L R - 1968 A SIMPLE BIPOLAR ELECTRODE-ASSEMBLY FOR CHRONIC IMPLANTATIONS IN THE BRAINS OF FISH AMER J PSYCHOL 81(2)266-268, 1 FIG	803106	MARGOLIASH, E; FITCH, W M - 1968 EVOLUTIONARY VARIABILITY OF CYTOCHROME C PRIMARY STRUCTURES ANN N Y ACAD SCI 15(1)359-381, 6 FIGS, 4 TABLES
	803093	CHUNG, BYUNG-SUN - 1968 DETERMINATION OF THE OPTIMUM CONDITIONS FOR WATER AND LIPID REMOVAL FROM FATTY FISH BULL PUSAN FISH COLL (NATUR SCI) 8(2)113-122, 3 FIGS, 8 TABLES	803107	SHASHOUA, VICTOR E - 1968 RNA CHANGES IN GOLDFISH BRAIN DURING LEARNING NATURE 217(5125)238-240, 2 FIGS, 1 TABLE
	803094	MORRIS, R; BULL, J M - 1968 STUDIES ON FRESHWATER OSMOREGULATION IN THE AMMOECETE LARVA OF LAMPETRA PLANERI (BLOCH), II. THE EFFECT OF DE-IONIZED WATER AND TEMPERATURE ON SODIUM BALANCE J EXP BIOL 48(3)597-609, 7 FIGS, 4 TABLES	803108	HOUSTON, A H; MADDEN, JANE A - 1968 ENVIRONMENTAL TEMPERATURE AND PLASMA ELECTROLYTE REGULATION IN THE CARP, CYPRINUS CARPIO NATURE 217(5132)969-970, 1 TABLE
	803095	NORTHMORE, D P M - 1968 A SIMPLE LIVE-WORM DISPENSER J EXP ANAL BEHAV 11(5)617-618, 2 FIGS	803109	SPRAGUE, JOHN B - 1968 PROMISING ANTI-POLLUTANT: CHELATING AGENT NTA PROTECTS FISH FROM COPPER AND ZINC NATURE 220(5174)1345-1346, 1 TABLE
	803096	THOMAS, JAMES C - 1968 MANAGEMENT OF THE WHITE SEABASS (CYNOSCIOM NOBILIS) IN CALIFORNIA WATERS CALIF DEP FISH GAME FISH BULL (142)34P, 12 FIGS, 6 TABLES	803110	RUWET, J CL - 1968 FAMILIAL BEHAVIOUR OF TILAPIA (PISCES, CICHLIDAE) AND ITS IMPLICATIONS NATURE 217(5132)977
	803097	MACNAE, WILLIAM - 1968 MANGROVES AND THEIR FAUNA AUST NATUR HIST 16(1)17-21, 6 FIGS	803111	GREENWOOD, P H - 1968 PROFESSOR J L B SMITH NATURE 217(5129)690-691
	803098	WOLFSCHLAG, DONALD E - 1968 FISHES BENEATH ANTARCTIC ICE AUST NATUR HIST 16(2)45-48, 2 FIGS	803112	PEQUIGNOT, J; SERFATY, ALBERT - 1968 VARIATIONS DE SALINITE ET OSMOREGULATION CHEZ LA TANCHE (TINCA TINCA L) EFFET DE LA VAGOTOMIE SUR L'EXCRETION DES CATIONS (NA+ ET K+) EXPERIENTIA 24(6)567, 1 FIG, 1 TABLE
	803099	PAXTON, JOHN R - 1968 FISHES OF THE OCEANIC MIDWATERS AUST NATUR HIST 16(3)71-76, 7 FIGS	803113	RUHLAND, M -L - 1968 ETUDE COMPARATIVE DES BESOINS MINIMA EN OXYGENE CHEZ DIFFERENTES ESPECES DE TELEOSTEENS EXPERIENTIA 24(6)571-572, 1 FIG, 1 TABLE
	803100	DEWITT, HUGH - 1968 COASTAL FISHES AUST NATUR HIST 16(4)119-123, 8 FIGS	803114	FAHN, STANLEY - 1968 CORRELATION OF SODIUM-POTASSIUM-ACTIVATED ADENOSINE TRIPHOSPHATASE WITH ACETYL

- CHOLINESTERASE OF THE ELECTROPHORUS ELECTRIC ORGAN**  
EXPERIENTIA  
24(6)544-545, 1 FIG, 1 TABLE
- 803115 DATTA, S; SAVAGE, N B - 1968  
INVESTIGATION OF THE ELECTRICAL POTENTIAL OF THE ISOLATED MIDGUT OF THE FRESHWATER TELEOST, AMEIRUS NEBULOSUS  
EXPERIENTIA  
24(6)572-574, 2 FIGS, 1 TABLE
- 803116 LUEKEN, W; KNOLL, CHRISTA - 1968  
DIFFERENCE IN INTERPHASE NUCLEUS ORGANIZATION WITHIN THE GENUS XIPHOPHORUS (PISCES, POECILLIDAE)  
EXPERIENTIA  
24(6)595-596, 3 FIGS
- 803117 DRILHON, ANDREE; FINE, JEAN-MARIUS - 1968  
IMPORTANCE DE L'ETUDE DES TRANSFERRINES SERIQUES DANS LA DIFFERENCIATION DES ESPECES, RESULTATS ACQUIS DANS LE GENRE ANGUILLA  
EXPERIENTIA  
24(6)555-557, 1 FIG, 1 TABLE
- 803118 BLUM, VOLKER; WEBER, K M - 1968  
THE INFLUENCE OF PROLACTIN ON THE ACTIVITY OF STEROID-3B-OL DEHYDROGENASE IN THE OVARIES OF THE CICHLID FISH AEQUIDENS PULCHER  
EXPERIENTIA  
24(12)1259-1260, 3 FIGS
- 803119 TAKEUCHI, KUNISUKE - 1968  
INHIBITION OF LARGE DISTAL TOOTH FORMATION IN MALE MEDAKA, ORYZIAS LATIPES, BY ESTRADIOL  
EXPERIENTIA  
24(10)1061-1062, 1 FIG, 1 TABLE
- 803120 GROVE, D J - 1968  
A SIMPLE METHOD FOR ESTIMATING MELANOPHORE RESPONSES TO DRUGS IN FISH  
EXPERIENTIA  
24(10)1080-1081, 6 FIGS
- 803121 LANGESCHIED, CORNELIS - 1968  
VERGLEICHENDE UNTERSUCHUNGEN UBER DIE ANGEBORENE GROSSENUNTERSCHIEDUNG BEI TILAPIA NILOTICA UND HEMIAPLOCHROMIS MULTICOLOR (PISCES; CICHLIDAE)  
EXPERIENTIA  
24(9)963-964, 1 FIG
- 803122 POTTER, I C; ROBINSON, E S; WALTON, SHIRLEY M - 1968  
THE MITOTIC CHROMOSOMES OF THE LAMPREY MORDACIA MORDAX (AGNATHA: PETROMYZONIDAE)  
EXPERIENTIA  
24(9)966-967, 3 FIGS, 1 TABLE
- 803123 PENCZAK, TADEUSZ - 1968  
THE ICHTHYOFAUNA OF THE RIVERS OF THE LODZ UPLAND AND ADJACENT AREAS, PART I A, THE HYDROGRAPHY AND FISHES OF THE BZURA RIVER BASIN  
ACTA HYDROBIOL  
10(4)471-497, 11 FIGS, 1 TABLE  
IN POLISH WITH ENGLISH SUMMARY
- 803124 PENCZAK, TADEUSZ - 1968  
THE ICHTHYOFAUNA OF THE RIVERS OF THE LODZ UPLAND AND ADJACENT AREAS, PART I B, THE HYDROGRAPHY AND FISHES OF THE PILICA RIVER BASIN  
ACTA HYDROBIOL  
10(4)499-524, 7 FIGS, 2 TABLES  
IN POLISH WITH ENGLISH SUMMARY
- 803125 THRELFALL, WILLIAM - 1968  
A MASS DIE-OFF OF THREE-SPINED STICKLEBACKS (GASTEROSTEUS ACULEATUS L) CAUSED BY PARASITES  
CAN J ZOOLOG  
46(1)105-106, 1 TABLE
- 803126 GASOWSKA, MATYLD A - 1968  
NATURAL HYBRIDS BETWEEN SOME GENERA OF CYPRINID FISHES (CYPRINIDAE) OF POLISH BODIES OF WATER  
ANN ZOOLOG  
26(11)297-321, 30 FIGS, 2 TABLES  
IN POLISH WITH ENGLISH SUMMARY
- 803127 TILAK, RAJ - 1968  
A NEW SPECIES OF THE GENUS LABEO CUVIER (PISCES) FROM RAJASTHAN  
ANN ZOOLOG  
26(15)351-353, 1 FIG, 1 TABLE
- 803128 PEQUENO, GERMAN - 1968  
LOS PECES CHILENOS Y SUS NOMBRES VULGARES  
NOTIC MENSUAL MUS NAC HIST NATUR  
12(142)7-10  
IN SPANISH
- 803129 ERGENS, R; DULMAA, A - 1968  
MONOGENOIDEA IN COBITIS TAENIA SIBIRICA FROM MONGOLIA  
FOLIA PARASITOL  
15(4)317-321, 4 FIGS, 1 TABLE
- 803130 MORAVEC, F - 1968  
A NEW NEMATODE GENUS, MOLNARIA GEN N (NEMATODA: SKRJABILLANIDAE)  
FOLIA PARASITOL  
15(4)322, 1 FIG
- 803131 MAURIN, CLAUDE - 1968  
ECOLOGIE ICHTHYOLOGIQUE DES FONDs CHALUTABLES ATLANTIQUES (DE LA BAIE IBERO-MAROCAINE A LA MAURITANIE) ET DE LA MEDITERRANEE OCCIDENTALE  
REV TRAV INST PECHEs MARIT  
32(1)1-147, 61 FIGS
- 803132 READ, LAWRENCE J - 1968  
A STUDY OF AMMONIA AND UREA PRODUCTION AND EXCRETION IN THE FRESH-WATER-ADAPTED FORM OF THE PACIFIC LAMPREY, ENTOSPHENUS TRIDENTATUS  
COMP BIOCHEM PHYSIOL  
26(2)455-466, 6 FIGS, 3 TABLES
- 803133 HEISEY, S RICHARD - 1968  
BRAIN AND CHOROID PLEXUS BLOOD VOLUMES IN VERTEBRATES  
COMP BIOCHEM PHYSIOL  
26(2)489-498, 1 FIG, 3 TABLES
- 803134 ROOTS, BETTY I; JOHNSTON, PATRICIA V - 1968  
PLASMALOGENS OF THE NERVOUS SYSTEM AND ENVIRONMENTAL TEMPERATURE  
COMP BIOCHEM PHYSIOL  
26(2)553-560, 2 TABLES
- 803135 RASSKAZOV, V A; ANISIMOV, M M; BERDYSHEV, G D - 1968  
SOME PROPERTIES AND SPECIFICITY OF ACID DEOXYRIBONUCLEASE FROM PLAICE LIVER  
COMP BIOCHEM PHYSIOL  
26(2)639-649, 7 FIGS, 2 TABLES
- 803136 KAMIYA, MIE; UTIDA, SEITIRO - 1968  
CHANGES IN ACTIVITY OF SODIUM-POTASSIUM-ACTIVATED ADENOSINETRIPHOSPHATASE IN GILLS DURING ADAPTATION OF JAPANESE EEL TO SEA WATER  
COMP BIOCHEM PHYSIOL  
26(2)675-685, 6 FIGS, 2 TABLES
- 803137 MANE-GARZON, FERNANDO; HOLCMAN-SPECTOR, BARBARA - 1968  
MONOGENEA DE PECES MARINOS DEL URUGUAY, I  
COMUN ZOOLOG MUS HIST NATUR MONTEVIDEO  
9(119)9P, 9 FIGS, 1 TABLE
- 803138 VERVOORT, W; RAMIREZ, FERNANDO - 1968  
PARABOMOLOCHUS GLOBICEPS NOV SPEC (COPEPODA, CYCLOPOIDA) FROM THE GILLS OF AUSTRORATHERINA SMITTI (LAHILLE) (PISCES, Atherinidae)  
ZOOLOG MEDE RIIKSMUS NATUUR HIST LEIDEN

- 803139 BOHLKE, JAMES E - 1968  
A NEW SPECIES OF THE OPHICHTHID EEL GENUS VERMA  
FROM THE WEST ATLANTIC, WITH COMMENTS ON  
RELATED SPECIES  
NOTULAE NATUR (PHILADELPHIA)  
(415)12P, 1 FIG, 3 TABLES

- 803140 WINDELL, J T; NORRIS, DAVID O - 1968  
GASTRIC EVACUATION OF NATURAL AND UNNATURAL  
FOODS IN RAINBOW TROUT (SALMO GAIARDNERI)  
J COLO-WYO ACAD SCI  
6(1)9

- 803141 KITCHELL, JAMES F; WINDELL, J T - 1968  
EFFECTS OF FAT AND FOOD VOLUME ON GASTRIC  
EVACUATION IN THE PUMPKINSEED SUNFISH, LEPOMIS  
GIBBOSUS  
J COLO-WYO ACAD SCI  
6(1)10

- 803142 NORRIS, DAVID O - 1968  
EFFECT OF RADIOTHERAPY AND THYROXINE  
REPLACEMENT ON THE GROWTH RATES OF SALMONID FRY  
J COLO-WYO ACAD SCI  
6(1)10-11

- 803143 MILES, HARRY M; SMITH, LYNWOOD S - 1968  
IONIC REGULATION IN MIGRATING JUVENILE COHO  
SALMON, ONCORHYNCHUS KISUTCH  
COMP BIOCHEM PHYSIOL  
26(2)381-398, 10 FIGS, 7 TABLES

- 803144 SORESCU, CONSTANTINA - 1968  
VERGLEICHENDE UNTERSUCHUNGEN UBER DEN  
SCHULTERGURTEL DER CYPRINIDAE (PISCES,  
CYPRINIFORMES)  
SENCKENBERGIANA BIOL  
49(5)387-397, 16 FIGS

- 803145 KUX, Z - 1968  
BEITRAG ZUR BIONOMIE DES FLUSSNEUNAUGES  
(LAMPETRA FLUVIATILIS (L.) FORMA PRAECOX BERG  
ACTA MUS MORAVIAE SCI NAT (BRUNN)  
53:253-256, 3 FIGS  
IN CZECH WITH GERMAN SUMMARY

- 803146 METUZALS, J; BALLINTJN-DE VRIES, G;  
BAERENDS, G P - 1968  
THE CORRELATION OF HISTOLOGICAL CHANGES IN THE  
ADENOHYPOPHYSIS OF THE CICHLID FISH AEQUIDENS  
PORTALEGRENSIS (HENSEL) WITH BEHAVIOUR CHANGES  
DURING THE REPRODUCTIVE CYCLE. I AND II  
KON NED AKAD WETENSCH PROC SER C BIOL MED SCI  
71(4)391-410, 6 FIGS, 2 TABLES

- 803147 TALWAR, P K - 1968  
TAXONOMIC STATUS OF SPHYRAENA ACUTIPINNIS DAY,  
1876 (SPHYRAENIDAE-PISCES)  
J NATUR HIST  
2(2)197-200, 1 FIG

- 803148 MERRETT, N R - 1968  
LEPIDOCYBIUM FLAVO-BRUNNEUM (SMITH, 1849)  
(GEMPYLIDAE) FROM THE WESTERN INDIAN OCEAN  
J NATUR HIST  
2(2)201-204, 1 FIG

- 803149 SPRINGER, VICTOR G; SMITH-VANIZ, WILLIAM F  
1968  
SYSTEMATICS AND DISTRIBUTION OF THE MONOTYPIC  
INDO-PACIFIC BLENNIID FISH GENUS ATROSALARIA  
PROC U S NAT MUS  
124(3643)13P, 2 FIGS, 2 TABLES

- 803150 SCHULTZ, LEONARD P - 1968  
A NEW SUBSPECIES OF PARROTFISH NICHOLSINA USTUS  
COLLETTEI FROM THE EASTERN ATLANTIC OCEAN  
PROC U S NAT MUS  
124(3642)5P, 2 FIGS, 2 TABLES

- 803151 RICHMOND, E AVERY - 1968  
A SUPPLEMENT TO THE FAUNA AND FLORA OF HORN  
ISLAND, MISSISSIPPI  
GULF RES REP  
2(3)213-254, 12 FIGS

- 803152 DAWSON, C E - 1968  
MERISTIC AND MORPHOMETRIC DATA ON THE FLATFISH  
CITHARICHTHYS GILBERTI FROM PANAMA  
GULF RES REP  
2(3)325-329, 1 FIG, 5 TABLES

- 803153 BANARESCU, PETRU - 1968  
THE SYSTEMATIC POSITION OF THE NORTH AMERICAN  
CATFISH INTRODUCED IN ROMANIA'S WATERS  
STUD CERCET BIOL SER ZOOL  
20(3)261-263  
IN ROMANIAN WITH ENGLISH SUMMARY

- 803154 BANARESCU, PETRU; NALBANT, TEODOR T - 1968  
SOME NEW CHINESE MINNOWS (PISCES,  
CYPRINIFORMES)  
PROC BIOL SOC WASH  
81(36)335-346, 11 FIGS

- 803155 ANDRIYASHEV, A P; PERMITIN, J E - 1968  
TWO NEW SPECIES OF EELPOUT OF GENUS LYCENCHELYS  
GILL (PISCES, ZOARCIDAE) FROM THE BATHYAL  
DEPTHS OF THE SCOTIA SEA (ANTARCTIC)  
VOP IKHTIOL  
8(4)611-618, 4 FIGS  
IN RUSSIAN

- 803156 PINCHUK, V I - 1968  
NEW DATA ON THE SYSTEMATICS OF GOBIES OF THE  
PONTICOLA GROUP IN CONNECTION WITH THE PROBLEM  
OF INTRASPECIFIC VARIABILITY AND SPECIES  
FORMATION  
VOP IKHTIOL  
8(4)619-627, 2 TABLES  
IN RUSSIAN

- 803157 BANARESCU, PETRU; NALBANT, TEODOR T - 1968  
ON THE SYSTEMATICS AND NOMENCLATURE OF GUDGEONS  
OF SUBFAMILY GOBIONINAE (PISCES, CYPRINIDAE) IN  
THE AMUR BASIN  
VOP IKHTIOL  
8(4)620-636, 1 TABLE  
IN RUSSIAN

- 803158 KALASHNIKOV, J E - 1968  
MULTIRAKERED WHITEFISHES OF LAKE ORON OF THE  
VITIM RIVER SYSTEM  
VOP IKHTIOL  
8(4)637-645, 7 TABLES  
IN RUSSIAN

- 803159 ASTANIN, L P; SAMANEVA, L I - 1968  
COMPARATIVE STUDY OF FECUNDITY OF VIMBA AND  
SHEMAIA ACCLIMATIZED IN THE SENGILEEV RESERVOIR  
VOP IKHTIOL  
8(4)646-652, 3 FIGS, 2 TABLES  
IN RUSSIAN

- 803160 SMIRNOV, A I; KAMYSHNAYA, M S; KALASHNIKOVA, Z  
M - 1968  
SIZE, BIOCHEMICAL FACTORS AND CALORIE CONTENT  
OF MATURE EGGS OF SOME FISHES BELONGING TO  
GENERA ONCORHYNCHUS AND SALMO  
VOP IKHTIOL  
8(4)653-661, 2 TABLES  
IN RUSSIAN

- 803161 KODOLOV, L S - 1968  
SOME PECULIARITIES IN THE REPRODUCTON OF BLACK  
COD (ANAPLOPOMA FIMBRIA (PALL.))  
VOP IKHTIOL  
8(4)662-668, 1 FIG, 5 TABLES  
IN RUSSIAN

- 803162 BILJKO, V P - 1968  
REPRODUCTION OF THE BLACK SEA GOBIES IN THE  
DNEPER-BUG LAND-LOCKED LAGOON  
VOP IKHTIOL  
8(4)669-678, 2 FIGS, 2 TABLES

- 803163** GALKINA, L A - 1968  
SURVIVAL OF EGGS AND LARVAE OF HERRING DURING  
THE PERIOD OF MASS APPROACH  
VOP IKHTIOL  
8(4)679-688, 5 FIGS, 1 TABLE  
IN RUSSIAN
- 803164** SHEKHANOVA, I A; PECHKURENKOV, V L - 1968  
ACCUMULATION OF STRONTIUM-90--YTTRIUM-90  
DISSOLVED IN WATER AND ITS EFFECT ON THE  
EMBRYONIC DEVELOPMENT OF LOACH  
VOP IKHTIOL  
8(4)689-701, 4 FIGS, 4 TABLES  
IN RUSSIAN
- 803165** LIPSKAYA, N J - 1968  
COMPARATIVE CHARACTERISTICS OF GROWTH AND  
FEEDING OF ANCHOVY (ENGRAULIS ENCRASICHOLUS (L))  
FROM THE ATLANTIC OCEAN AND THE MEDITERRANEAN  
VOP IKHTIOL  
8(4)702-709, 1 FIG, 5 TABLES  
IN RUSSIAN
- 803166** VERIGINA, I A; MEDANI, J I - 1968  
THE STRUCTURE OF THE DIGESTIVE TRACT IN  
DISTICHODUS NILOTICUS (L) AND DISTICHODUS  
ROSTRATUS (GUNT) IN RELATION TO FEEDING  
VOP IKHTIOL  
8(4)710-721, 13 FIGS, 1 TABLE  
IN RUSSIAN
- 803167** ANTISHKINA, D M; KIRILENKO, N S; MELNIKOV, G  
B; RYABOV, F P - 1968  
DYNAMICS OF WEIGHT, CONDITION FACTOR AND BODY  
LENGTH IN TILAPIA MOSSAMBICA PETERS REARED ON  
PELLETED FEEDS CONTAINING CHLORELLA  
VOP IKHTIOL  
8(4)722-727, 3 FIGS, 1 TABLE  
IN RUSSIAN
- 803168** BIRMAN, I B; KONOVALOV, S M - 1968  
DISTRIBUTION AND MIGRATIONS AT SEA OF THE LOCAL  
STOCK OF ONCORHYNCHUS NERKA (WALBAUM) OF THE  
KURIL LAKE  
VOP IKHTIOL  
8(4)728-736, 1 FIG, 1 TABLE  
IN RUSSIAN
- 803169** LITVINOVA, N N - 1968  
THE PROTEIN COMPOSITION OF THE BLOOD SERUM OF  
THE DON AND KUBANJ POPULATIONS OF PIKE-PERCH  
(LUCIOPERCA LUCIOPERCA (L))  
VOP IKHTIOL  
8(4)737-741, 1 FIG  
IN RUSSIAN
- 803170** ABDURAKHMANOV, J I; KULIEV, Z M - 1968  
EUROPEAN EEL IN THE WATER BODIES OF  
AZERBAIDZHAN  
VOP IKHTIOL  
8(4)742-745, 3 TABLES  
IN RUSSIAN
- 803171** TRUNOV, I A - 1968  
NEW DATA ON THE DISTRIBUTION OF ELECTRONA  
RISSOI (COCCO) AND DIAPHUS OSTENFELDI TANING  
(MYCTOPHIDAE)  
VOP IKHTIOL  
8(4)745-748, 2 FIGS  
IN RUSSIAN
- 803172** TIMOSHKIN, V N - 1968  
OCCURRENCE OF ATLANTIC STURGEON (ACIPENSER  
STURIO L) AT SEA  
VOP IKHTIOL  
8(4)749  
IN RUSSIAN
- 803173** DRAPKIN, YE I - 1968  
PENETRATION OF THE KUBANJ PIKEPERCH (LUCIOPERCA  
LUCIOPERCA L) INTO THE EASTERN BLACK SEA  
(CAUCASIAN COAST)  
VOP IKHTIOL
- 803174** KUKURADZE, A M - 1968  
PECULIARITIES OF OVOGENESIS IN PIKE-PERCH  
(LUCIOPERCA LUCIOPERCA L) AND BREAM (ABRAMIS  
BRAMA L) FROM THE DANUBE  
VOP IKHTIOL  
8(4)751-756, 5 FIGS  
IN RUSSIAN
- 803175** VALEEVA, H K - 1968  
ON SPHINCTER-LIKE MECHANISMS IN THE RENAL VEINS  
OF SOME FISHES  
VOP IKHTIOL  
8(4)756-760, 5 FIGS  
IN RUSSIAN
- 803176** NASARENKO, V A - 1968  
ON HEMATOLOGICAL RESEARCH, RUTILUS RUTILUS  
FLUVIATILIS (JAKOWLEW) OF KUIBYSHEV RESERVOIR  
VOP IKHTIOL  
8(4)760-761, 1 TABLE  
IN RUSSIAN
- 803177** DYGA, A K; ZOLOTAREVA, V I - 1968  
EFFECT OF SEWAGE WATERS DISCHARGED BY  
METALLURGICAL AND METAL-WORKING INDUSTRIES ON  
THE FOOD BASIS OF FISH (ZOOPLANKTON AND  
ZOOBENTHOS) IN THE RIVERS AND WATER RESERVOIRS  
OF THE DNIPEER SYSTEM  
VOP IKHTIOL  
8(4)761-764, 2 TABLES  
IN RUSSIAN
- 803178** MOE, MARTIN A JR; LEWIS, RAYMOND H;  
INGLE, ROBERT M - 1968  
POMPANO MARICULTURE: PRELIMINARY DATA AND BASIC  
CONSIDERATIONS  
FLA STATE BOARD CONSERV TECH SER  
(55)65P, 19 FIGS, 9 TABLES
- 803179** BURNET, A M R - 1968  
A STUDY OF THE RELATIONSHIPS BETWEEN BROWN  
TROUT AND EELS IN A NEW ZEALAND STREAM  
N Z MAR DEP FISH TECH REP  
(26)51P, 11 FIGS, 17 TABLES
- 803180** HARDY, C J - 1968  
FRESHWATER FISHERIES FIELD TECHNIQUES: TAGGING;  
TRANSPORTATION; MORTALITY AND DRIFT SAMPLING  
N Z MAR DEP FISH TECH REP  
(27)35P, 7 FIGS, 2 TABLES
- 803181** MCALLISTER, D E - 1968  
POISONOUS AND VENOMOUS FISHES OF CANADA  
NAT MUS CAN NATUR HIST PAP  
(42)11P, 8 FIGS
- 803182** KROGIUS, F V - 1968  
ESTIMATION OF THE PROPORTION OF LOCAL STOCKS IN  
THE TOTAL STOCK OF RED SALMON (ONCORHYNCHUS  
NERKA (WALB) OF THE KAMCHATKA RIVER BASIN  
VOP IKHTIOL  
8(6)979-984, 2 TABLES  
IN RUSSIAN
- 803183** TUGE, HIDEOMI; KIYOSHI, UCHIHASHI;  
HATSUTARO, SHIMAMURA - 1968  
AN ATLAS OF THE BRAINS OF FISHES OF JAPAN  
TSUKIJI SHOKAN PUBLISHING CO, LTD: TOKYO,  
JAPAN, 240P, ILLUS
- 803184** SHUNTOV, V P - 1968  
QUANTITATIVE SURVEY OF FLYING FISH IN THE  
EASTERN INDIAN OCEAN  
VOP IKHTIOL  
8(6)985-991, 1 FIG, 3 TABLES  
IN RUSSIAN
- 803185** SEROBABA, I I - 1968  
ON THE SPAWNING OF ALASKA POLLACK THERAGRA  
CHALCOGRAMMA (PALLAS) IN THE NORTHEASTERN

803186 - 803209	BERING SEA VOP IKHTIOL 8(6)992-1003, 6 FIGS, 3 TABLES IN RUSSIAN	803197	DRYGIN, P A; KUDERSKY, L A; PIROZHNIKOV, P L; POKROVSKY, V V - 1968 IN MEMORIAM OF PROFESSOR BORIS SOZONTOVICH LUKASH (1887-1968) VOP IKHTIOL 8(6)1087-1090, 1 FIG IN RUSSIAN
803186	ANUKHINA, A M - 1968 ON THE QUALITY OF EGGS OF THE WHITE SEA NAVAGA IN RELATION TO THE ABUNDANCE OF OFFSPRING VOP IKHTIOL 8(6)1004-1008, 3 FIGS, 3 TABLES IN RUSSIAN	803198	BURDAK, V D - 1968 ON CHANGES IN THE RELATIVE SIZE OF MAXILLARY APPARATUS IN FISH IN RELATION TO AGE VOP IKHTIOL 8(6)1091-1094, 8 FIGS IN RUSSIAN
803187	KOZLOVSKY, D A - 1968 RESORPTION OF SEX PRODUCTS IN FISH AS A STIMULUS OF CHANGES IN THEIR BIOLOGY VOP IKHTIOL 8(6)1009-1014, 1 TABLE IN RUSSIAN	803199	PODLESNY, A V; SESYAGIN, S M - 1968 THE ENISEY 'PELED' COREGONUS PELED (GMEL) VOP IKHTIOL 8(6)1094-1096, 2 FIGS IN RUSSIAN
803188	PARIN, N V; POKHILSKAYA, G N - 1968 ON THE AGE VARIABILITY AND DISTRIBUTION OF A RARE OCEAN FISH EUMECICHATHYS FISKI (PISCES, LOPHOTIDAE) VOP IKHTIOL 8(6)1015-1021, 3 FIGS, 2 TABLES IN RUSSIAN	803200	SHILOV, V I - 1968 ON THE SPAWNING OF ACIPENSERIDAE IN THE HEADWATERS OF VOLGOGRAD POWER STATION IN 1966 VOP IKHTIOL 8(6)1097-1099, 1 FIG, 3 TABLES IN RUSSIAN
803189	KLYUCHAREVA, O A; SVETOVIDOVA, A A - 1968 GROWTH OF FISH IN RELATION TO THE PECULIARITIES OF FOOD RESOURCES IN THE LAKES OF THE SOUTH SAKHALIN REGION VOP IKHTIOL 8(6)1022-1033, 10 TABLES IN RUSSIAN	803201	SAVOSTYANOVA, G G - 1968 TAGGING OF RAINBOW TROUT VOP IKHTIOL 8(6)1099-1102, 2 TABLES IN RUSSIAN
803190	MUSATOV, A P; OSOKINA, N G - 1969 CHANGES IN THE SIZE COMPOSITION AND ABUNDANCE OF BREAM IN THE ISTRA RESERVOIR VOP IKHTIOL 8(6)1034-1040, 1 FIG, 9 TABLES IN RUSSIAN	803202	SOROKIN, V N - 1968 MATERIAL ON THE BIOLOGY OF PERCH, DACE AND IDE FROM NORTHERN BAIKAL LAKES VOP IKHTIOL 8(6)1105-1110, 6 FIGS, 3 TABLES IN RUSSIAN
803191	SHAMARDINA, I P - 1968 GROWTH OF MAIN FISH SPECIES IN LAKE GLUBOKOE VOP IKHTIOL 8(6)1041-1047, 2 FIGS, 4 TABLES IN RUSSIAN	803203	BANARESCU, PETRU - 1968 REMARKS ON THE GENUS CHELA HAMILTON-BUCHANAN (PISCES, CYPRINIDAE) WITH DESCRIPTION OF A NEW SUBGENUS ANN MUS CIVICO STORIA NATUR GENOVA 77:53-64, 8 FIGS
803192	KANAYAMA, YUKITAKA; TUGE, HIDEOMI - 1968 ON THE USE IN FISHERIES OF THE DEFENSIVE CONDITIONED REFLEX DEVELOPED BY YOUNG CHUM SALMON VOP IKHTIOL 8(6)1048-1051, 2 FIGS, 2 TABLES IN RUSSIAN	803204	REGAN, JAMES D; SIGEL, M MICHAEL; LEE, WILLIAM H; LLAMAS, KIRSTEN A; BEASLEY, ANNIE R - 1968 CHROMOSOMAL ALTERATIONS IN MARINE FISH CELLS IN VITRO CAN J GENET CYTOL 10(2):448-453, 5 FIGS
803193	LESHCHEVA, T S - 1969 THE DEVELOPMENT BY ROACH (RUTILUS RUTILUS L) LARVAE OF DEFENSIVE REFLEXES THROUGH IMITATION VOP IKHTIOL 8(6)1052-1056, 1 FIG IN RUSSIAN	803205	BERRY, FREDERICK H; WHITEHEAD, PETER J P - 1968 A NEW SPECIES OF SARDINE (SARDINELLA CLUPEIDAE) FROM THE MARQUESAS ISLANDS PROC BIOL SOC WASH 81(25):209-222, 6 FIGS
803194	ZUEV, G V; KUDRYASHOV, A F - 1968 ON THE MANOEUVREABILITY OF AQUATIC ANIMALS VOP IKHTIOL 8(6)1057-1062, 3 FIGS IN RUSSIAN	803206	RACHLIN, JOSEPH WOLFE; PERLMUTTER, ALFRED 1968 FISH CELLS IN CULTURE FOR STUDY OF AQUATIC TOXICANTS WATER RES 2:409-414, 2 TABLES
803195	KARPEVICH, A F; LUKONINA, N K - 1968 TRANSPLANTATION OF FISH AND AQUATIC INVERTEBRATES IN 1965 VOP IKHTIOL 8(6)1063-1079, 5 TABLES IN RUSSIAN	803207	BUHLER, DONALD R; RASMUSSEN, MARY E - 1968 REDUCTION OF P-NITROBENZOIC ACID BY FISHES ARCH BIOCHEM BIOPHYS 124(1/2/3):582-595, 6 FIGS, 12 TABLES
803196	BYKOV, N E; GAVRILOV, G B; ELIBAEV, N E; KORTUNOVA, T A; MARKOVA, E L; NOVOKOSHONOV, Y D; SARAIEV, S; YABLONSKAYA, E A - 1968 FISH PRODUCTIVITY OF THE ARAL SEA FROM THE PRESENT STATE OF ITS FOOD RESOURCES VOP IKHTIOL 8(6)1080-1086, 1 FIG, 9 TABLES IN RUSSIAN	803208	FALUDI, B - 1968 SOME CONNECTIONS BETWEEN THE SCIENCE OF MOLECULAR EVOLUTION AND PALEONTOLOGY BIOL KOZLEMENYEK 16(1):39-50, 3 FIGS, 3 TABLES IN HUNGARIAN WITH ENGLISH SUMMARY
		803209	SCHULTZ, R JACK; KALLMAN, KLAUS D - 1968 TRIPLOID HYBRIDS BETWEEN THE ALL-FEMALE TELEOST POECILIA FORMOSA AND POECILIA SPHENOPS



	NATURE 219(5151)280-282, 2 FIGS, 2 TABLES	803223	SARODNIK, W; MENZEL, H U - 1968 ZUR ERSCHLIESSUNG DER PRODUKTIONSRESERVEN IN DEN KARPFFENTEICHWIRTSCHAFTEN DURCH ERHOHUNG DES PRODUKTIONSNIWEAUS NACH DEM VORBILD DER BESTEN DEUT FISCH ZTG 15(4)89-100, 11 TABLES	803210 - 803236
803210	HALSTEAD-TARLO, L B - 1968 BONE VERSUS CARTILAGE - A STUDY IN EVOLUTION CALCIFIED TISSUE RES SUPPL TO VOL 2 78			
803211	COPP, D HAROLD; LOW, BOBBI S; O'DOR, RONALD K; PARKES, C OWEN - 1968 CALCITONIN IN NON-MAMMALS CALCIFIED TISSUE RES SUPPL TO VOL 2 29-29A, 2 FIGS	803224	MULLER, W; MERLA, GUNTER - 1968 ERTRAGSSTEIGERUNG DURCH VERFUTTERUNG VON PELLETS IN KARPFFENTEICHEN 1967 DEUT FISCH ZTG 15(4)101-112, 6 FIGS, 8 TABLES	
803212	WAGER, VINCENT A - 1968 DESTRUCTION BY TILAPIA AFR WILDLIFE 22(4)328-338, 9 FIGS	803225	ANWAND, K - 1968 DIE REGULIERUNG DES FISCHBESTANDES DURCH MELIPAX-SPRITZMITTEL 50% DEUT FISCH ZTG 15(4)113-118, 7 FIGS	
803213	MACNAE, WILLIAM - 1968 MUDSKIPPER AFR WILDLIFE 22(3)240-248, 7 FIGS	803226	BLUME, H W - 1968 DIE AUFGABEN DER VVB BINNENFISCHEREI IM EINHEITLICHEN REPRODUKTIONSPROZESS DER LANDWIRTSCHAFT UND NAHRUNGSGUTERWIRTSCHAFT ZUR DURCHSETZUNG DER BESCHLUSSE DES VII, PARTEITAGES DER SED DEUT FISCH ZTG 15(4)156-184, 2 FIGS, 2 TABLES	
803214	JILLET, J B - 1968 THE BIOLOGY OF ACANTHOCLINUS QUADRIDACTYLUS (BLOCH AND SCHNEIDER) (TELEOSTEI-BLENNIOIDEA), I, AGE, GROWTH, AND FOOD AUST J MAR FRESHWATER RES 19(1)1-8, 5 FIGS, 1 TABLE	803227	BLUME, H W - 1968 ANWENDUNG DES OKONOMISCHEN SYSTEMS IN DER BINNENFISCHEREI ZUR SCHNELLEREN STEIGERUNG DER FEINFISCHPRODUKTION DEUT FISCH ZTG 15(12)311-318	
803215	JILLET, J B - 1968 THE BIOLOGY OF ACANTHOCLINUS QUADRIDACTYLUS (BLOCH AND SCHNEIDER) (TELEOSTEI-BLENNIOIDEA) II. BREEDING AND DEVELOPMENT AUST J MAR FRESHWATER RES 19(1)9-18, 5 FIGS, 2 TABLES	803228	STEFFENS, W - 1968 NEUERE JAPANISCHE ERGEBNISSE BEI DER INTENSIVEN KARPFFENAUFZUCHT IN KAFIGEN UND KREISLAUFANLAGEN DEUT FISCH ZTG 15(12)323-328, 5 TABLES	
803216	KALLMAN, KLAUS D - 1968 GENETIC PHENOMENON, THE FORMOSA MOLLY ANIM KINGDOM 71(4)13-19, 9 FIGS	803229	LIEDER, U - 1968 KV-SELEKTION FUR DIE INDUSTRIEMASSIGE SATZKARPFFENPRODUKTION DEUT FISCH ZTG 15(12)329-330	
803217	STEFFENS, W - 1968 FISCHEREI UND FISCHEREIFORSCHUNG IN DER CSSR DEUT FISCH ZTG 15(2)33-53, 22 FIGS	803230	JEROCH, H - 1968 NEUERE ERKENNTNISSE IN DER FUTTERUNG VON ZUCHT- UND MASTENTEN DEUT FISCH ZTG 15(12)331-339, 15 TABLES	
803218	JAHNICHEN, H - 1968 UBER DIE KUNSTLICHE VERMEHRUNG PFLANZENFRESSENDER FISCHE DEUT FISCH ZTG 15(3)57-66, 17 FIGS	803231	BOLTON, FRANK E - 1968 THE BLACK CRAPPIE N J OUTDOORS 18(12)2-7, 2 FIGS	
803219	MENZEL, H U; SARODNIK, W - 1968 NATURALKENNZAHLENSYSTEM FUR DIE ANALYSE DES HAUPTPRODUKTIONSZWEIGES FISCHPRODUKTION VON KARPFFENTEICHWIRTSCHAFTEN DEUT FISCH ZTG 15(3)66-72, 1 TABLE	803232	ANONYMOUS - 1968 SMALLMOUTH BASS VS LARGEMOUTH BASS N J OUTDOORS 18(12)19, 4 FIGS	
803220	MULLER, H - 1968 WAS IST BEIM BESETZEN UNSERER GEWASSER MIT GLAS- UND SATZAALEN ZU BEACHTEN? DEUT FISCH ZTG 15(3)72-74	803233	STEWART, ROBERT W - 1968 CHANNEL CATFISH. THE KING OF NEW JERSEY CATFISH N J OUTDOORS 18(11)2-7, 4 FIGS	
803221	SCHAPERCLAUS, W - 1968 ERFOLGREICHE DREIJAHRIG STICKSTOFFDUNGUNG IN DEN KAUPPAER VERSUCHSTEICHEN 1965-1967 DEUT FISCH ZTG 15(3)74-83, 6 TABLES	803234	ANONYMOUS - 1968 STATE RECORD FISH N J OUTDOORS 18(11)14-21, 2 FIGS, 1 TABLE	
803222	MULLER, W; MERLA, GUNTER - 1968 GUNSTIGE NACHWIRKUNG DER PELLETVERFUTTERUNG WAHREND DER K2-AUFZUCHT IM NACHFOLGENDEN ABWACHSJAHR DEUT FISCH ZTG 15(3)83-86, 1 FIG	803235	MCDOWALL, R M - 1968 GALAXIAS MACULATUS (JENYNS), THE NEW ZEALAND WHITEBAIT N Z MAR DEP FISH RES BULL (NS) (2)84P, 43 FIGS, 8 TABLES	
		803236	CAVENDER, TED M - 1968 FRESHWATER FISH REMAINS FROM THE CLARNO	

- FORMATION OCHOCO MOUNTAINS OF NORTH-CENTRAL OREGON**  
ORE BIN (PORTLAND)  
30(7)125-141, 5 FIGS
- 803237** POLLARA, B; SURAN, A; FINSTAD, J; GOOD, R A  
1968  
**N-TERMINAL AMINO ACID SEQUENCES OF IMMUNOGLOBULIN CHAINS IN POLYODON SPATHULA**  
PROC NAT ACAD SCI USA  
59(4)1307-1312, 2 FIGS, 1 TABLE
- 803238** APFELBACH, R - 1968  
**TILAPIA NILOTICA (CICHLIDAE) BALZ**  
ENCYCL CINEMATOGRAFICA (GOTTINGEN)  
E1208:385-389  
WITH ENGLISH SUMMARY
- 803239** APFELBACH, R - 1968  
**TILAPIA NILOTICA (CICHLIDAE) LAICHABLAG**  
ENCYCL CINEMATOGRAFICA (GOTTINGEN)  
E1157:391-395  
WITH ENGLISH SUMMARY
- 803240** APFELBACH, R - 1968  
**TILAPIA ZILLII (CICHLIDAE) KAMPF ZWEIER MANNCHEN**  
ENCYCL CINEMATOGRAFICA (GOTTINGEN)  
E1126:377-384, 4 FIGS  
WITH ENGLISH SUMMARY
- 803241** BALDRIDGE, H DAVID JR - 1968  
**A PROPOSED REFERENCE SHARK**  
MIL MED  
133(8)654-662, 3 FIGS, 3 TABLES
- 803242** ELSON, K G R - 1968  
**SALMON DISEASE IN SCOTLAND**  
SALMON NET  
(4)1-9, 3 FIGS, 1 TABLE
- 803243** GELLER, NAOMI - 1968  
**RESEARCH ON MEMORY**  
RES NEWS OFFICE RES ADMIN UNIV MICH  
18(12)6P, 4 FIGS
- 803244** PETERS, JAMES A; COLLETTE, BRUCE B - 1968  
**THE ROLE OF TIME-SHARE COMPUTING IN MUSEUM RESEARCH**  
CURATOR  
11(1)65-75, 4 FIGS
- 803245** BANARESCU, PETRU - 1968  
**A REVISED LIST OF THE FISHES OF ROMANIA**  
BUL INST CERCET PROIECT PISCIC  
27(3)53-61  
IN ROMANIAN WITH ENGLISH SUMMARY
- 803246** TAVOLGA, WILLIAM N - 1968  
**FISHES**  
IN ANIMAL COMMUNICATION, T S SCHEOK (ED)  
INDIANA UNIVERSITY PRESS: BLOOMINGTON, INDIANA
- 803247** FORNEY, JOHN L - 1968  
**RAISING BAIT FISH AND CRAYFISH IN NEW YORK PONDS**  
N Y STATE COLL AGR CORNELL EXT BULL  
(986)31P, 14 FIGS, 4 TABLES
- 803248** LOPINOT, A C - 1968  
**POND FISH AND FISHING IN ILLINOIS**  
ILL DEP CONSERV FISH BULL  
(5)64P, ILLUS
- 803249** HECKER, GOTTFRIED - 1968  
**WIEDER EIN GANZ NEUER: PELMATOCHROMIS THOMASI**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(2)44-45
- 803250** KRIETSCH, PETER - 1968  
**EINE ICHTHYOLOGISCHE KOSTBARKEIT PROTOPTERUS AMPHIBIUS (PETERS 1844)**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(2)56-60, 4 FIGS
- 803251** MEINKEN, HERMANN - 1968  
**PELMATOCHROMIS TAENIATUS BOULENGER 1901, EIN UNTERSUCHUNGSBEFUND**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(2)62-63, 2 FIGS, 2 TABLES
- 803252** WIEFEL, GERHARD; HEIDRICH, SIEGFRIED; BECH, REINHOLD - 1968  
**EIN NEUER APHYOSEMION AUS GUINEA**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(3)90-93, 3 FIGS
- 803253** ZUKAL, RUDA - 1968  
**SO LAICHT CICHLASOMA MEEKI**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(3)92-93, 6 FIGS, 1 TABLE
- 803254** LERCH, KURT - 1968  
**DAS GERUCHSORGAN DER FISCHE**  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN TERRARIEN  
15(3)94-97, 14 FIGS
- 803255** VAN DEN NIEUWENHUIZEN, AREND - 1968  
**CICHLASOMA MEEKI, DER FEUERMAULBUNTBARSCHE**  
AQUARIEN TERRARIEN Z  
21(7)196-200, 2 FIGS
- 803256** PENZES, BETHEN; TOLG, I - 1968  
**DIE NEUGEBURT DES 1000JAHRIGEN GOLDFISCHE**  
AQUARIEN TERRARIEN Z  
21(7)201-204, 5 FIGS
- 803257** ZUKAL, RUDA - 1968  
**DIE PRACHTGLANZBARBE, BARBUS ARULIUS**  
AQUARIEN TERRARIEN Z  
21(7)208-209, 12 FIGS
- 803258** PANKONIN, ERNST - 1968  
**BRUTPFLEGEVERHALTEN BEI PELMATOCHROMIS CAMERUNENSIS**  
AQUARIEN TERRARIEN Z  
21(7)210-211, 1 FIG
- 803259** LEE, JEAN-YONGCHUL - 1968  
**SPAWNING THE BITTERLING**  
PETFISH MONTHLY  
3(3)106
- 803260** CLARK, JOHN B - 1968  
**GREY MULLET IN THE AQUARIUM**  
PETFISH MONTHLY  
3(3)107-108, 1 FIG
- 803261** KELLY, JIM - 1968  
**FANCY GUPPIES**  
PETFISH MONTHLY  
3(3)SUPPL 8P, 2 FIGS
- 803262** BACKUS, R H; CRADDOCK, JAMES E; HAEDRICH, RICHARD L; SHORES, D L; TEAL, J M; WING, A S; MEAD, G W; CLARKE, W D - 1968  
**CERATOSCOPELUS MADERENSIS: PECULIAR SOUND-SCATTERING LAYER IDENTIFIED WITH THIS MYCTOPHID FISH**  
SCIENCE  
160(3831)991-993, 4 FIGS
- 803263** BARDACH, JOHN E - 1968  
**AQUACULTURE**  
SCIENCE

- 161(3846)1098-1106, 9 FIGS, 1 TABLE
- 803264** SALZINGER, KURT; FREIMARK, STEVEN J; FAIRHURST, STEPHEN P; WOLKOFF, F DMITRI - 1968  
**CONDITIONED REINFORCEMENT IN THE GOLDFISH SCIENCE**  
160(3835)1471-1472, 3 FIGS
- 803265** BRITTEN, R J; KOHNE, D E - 1968  
**REPEATED SEQUENCES IN DNA SCIENCE**  
161(3841)529-540, 13 FIGS, 2 TABLES
- 803266** RUBINOFF, IRA - 1968  
**CENTRAL AMERICAN SEA-LEVEL CANAL: POSSIBLE BIOLOGICAL EFFECTS SCIENCE**  
161(3844)857-861, 3 FIGS
- 803267** HEIZER, ROBERT F - 1968  
**MIGRATORY ANIMALS AS DISPERSAL AGENTS OF CULTURAL MATERIALS SCIENCE**  
161(3844)914-915
- 803268** WATKINS, D; COOPERSTEIN, S J; DIXIT, P K; LAZAROW, A - 1968  
**INSULIN SECRETION FROM TOADFISH ISLET TISSUE STIMULATED BY PYRIDINE NUCLEOTIDES SCIENCE**  
162(3850)283-284, 2 FIGS
- 803269** MATSUURA, S; IKEDA, K; FURUKAWA, T - 1968  
**OUABAIN AND STREPTOMYCIN: THEIR DIFFERENT LOC OF ACTION ON SACCHARIN HAIR CELLS IN GOLDFISH SCIENCE**  
160(3832)1117-1119, 1 FIG
- 803270** FUJII, RYOZO; NOVALES, RONALD R - 1968  
**TETRODOTOXIN: EFFECTS ON FISH AND FROG MELANOPHORES SCIENCE**  
160(3832)1123-1124, 1 FIG, 1 TABLE
- 803271** LEE, JEAN-YONGCHUL - 1968  
**THE CROAKING GOURAMI PETFISH MONTHLY**  
3(5)194-196, 4 FIGS
- 803272** MCGREGOR, JOHN F; NEWCOMBE, HOWARD B - 1968  
**MAJOR MALFORMATIONS IN TROUT EMBRYOS IRRADIATED PRIOR TO ACTIVE ORGANOGENESIS RADIAT RES**  
35(2)282-300, 22 FIGS, 11 TABLES
- 803273** WHITTAKER, FRED H; HILL, LOREN G - 1968  
**PROTEOCEPHALUS CHOLOGASTERI SP N (CESTODA:PROTEOCEPHALIDAE) FROM THE SPRING CAVEFISH CHOLOGASTER AGASSIZI PUTMAN, 1782 (PISCES: AMBLYOPSIDAE) OF KENTUCKY PROC HELMINTHOL SOC WASH**  
35(1)15-18, 3 FIGS, 1 TABLE
- 803274** HOLLOWAY, HARRY L JR; BIER, JEFFREY W - 1968  
**HELICOMETRA ANTARCTICAE SP NOV FROM ANTARCTIC COASTAL FISHES PROC HELMINTHOL SOC WASH**  
35(1)30-34, 8 FIGS, 1 TABLE
- 803275** PRICE, CHARLES E; BUSSING, W A - 1968  
**MONOGENEAN PARASITES OF COSTA RICAN FISHES, II, PROPOSAL OF PALOMBITREMA HETEROANCISTRUM N GEN, N SP PROC HELMINTHOL SOC WASH**  
35(1)54-57, 13 FIGS
- 803276** MEYER, MARVIN C; VIK, ROLF - 1968  
**OBSERVATIONS ON DIPHYLLOBOOTHRIUM SEBAGO PLEROCERCIDS IN THE FISH HOSTS PROC HELMINTHOL SOC WASH**  
35(1)92-96, 2 FIGS, 1 TABLE
- 803277** KHAWAJA, D K; JAFRI, A K - 1968  
**CHANGES IN THE BIOCHEMICAL COMPOSITION OF TWO COMMON CATFISHES (WALLAGONIA ATTU BLOCH AND MYSTUS SEENGHALA SYKES) IN RELATION TO LENGTH HYDROBIOLOGIA**  
32(1/2)245-256, 6 FIGS, 4 TABLES
- 803278** TESTER, ALBERT L; KENDALL, JAMES I - 1968  
**CUPULAE IN SHARK NEUROMASTS: COMPOSITION, ORIGIN, GENERATION SCIENCE**  
160(3829)772-774, 6 FIGS
- 803279** HARDY, ERIC - 1968  
**THE BOTTOM-FEEDING BURBOT AQUARIST PONDKPR**  
33(3)424-425, 1 FIG
- 803280** HEMS, JACK - 1968  
**THE BLOODFIN (APHYOCHARAX RUBRIPINNIS) AQUARIST PONDKPR**  
33(3)437
- 803281** NATARAJAN, R; SUBRAHMANYAM, K - 1968  
**A PRELIMINARY STUDY ON THE CHROMOSOMES OF TILAPIA MOSSAMBICA (PETERS) CURR SCI**  
39(9)262-263, 4 FIGS
- 803282** BARDACH, JOHN E; TODD, JOHN H - 1968  
**CHEMISCHE SIGNALE DIENEN DER VERSTANDIGUNG ZWISCHEN FISCHEN UMSCH WISS TEC**  
68(17)538-539, 2 FIGS
- 803283** FANGE, RAGNAR; GIDHOLM, LENNART - 1968  
**A MACROPHAGE SYSTEM IN MYXINE GLUTINOSA L NATURWISSENSCHAFTEN**  
55(1)44, 1 FIG
- 803284** JOCHUM, F; MARTENS, R - 1968  
**ANDERUNG DER RETINAHÖHE BEI DER DUNKELADAPTION BEIM BARSCH NATURWISSENSCHAFTEN**  
55(12)655, 1 FIG
- 803285** KORTING, W - 1968  
**VORKOMMEN VON SPINDELZELLEN IM BLUT DER FISCHE NATURWISSENSCHAFTEN**  
55(4)185, 1 FIG
- 803286** PRIOR, I A M; WEBBER, W L; ALEXANDER, W S; BARCLAY, S DE C - 1968  
**CALCIFIC HEART DISEASE IN NEW ZEALAND BROWN TROUT NATURE**  
220(5164)261-262, 1 FIG, 1 TABLE
- 803287** YASARGIL, G M; DIAMOND, J - 1968  
**STARTLE-RESPONSE IN TELEOST FISH: AN ELEMENTARY CIRCUIT FOR NEURAL DISCRIMINATION NATURE**  
220(5164)241-243, 3 FIGS
- 803288** RIGBY, B J - 1968  
**AMINO-ACID COMPOSITION AND THERMAL STABILITY OF THE SKIN COLLAGEN OF THE ANTARCTIC ICE-FISH NATURE**  
219(5150)166-167, 2 TABLES
- 803289** SAVAGE, G E - 1968  
**TEMPORAL FACTORS IN AVOIDANCE LEARNING IN NORMAL AND FOREBRAINLESS GOLDFISH (CARASSIUS AURATUS) NATURE**  
218(5147)1168-1169, 4 FIGS
- 803290** CUSHING, D H; JONES, F R HARDEN - 1968  
**WHY DO FISH SCHOOL? NATURE**  
218(5145)918-920

- 803291 - 803316
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DERMAL NECROSIS  
NATURE  
217(5134)1158
- 803292 PRAWOCHENSKY, R; KOLDER, W - 1968  
SYNOPSIS OF BIOLOGICAL DATA ON HUCHO HUCHO  
(LINNAEUS, 1758)  
FAO (FOOD AGR ORGAN U N) FISH SYNOPSIS  
(22)SUPPL 1:25P, 10 FIGS, 2 TABLES
- 803293 JHINGRAN, V G - 1968  
SYNOPSIS OF BIOLOGICAL DATA ON CATLA CATLA  
CATLA (HAMILTON, 1822)  
FAO (FOOD AGR ORGAN U N) FISH SYNOPSIS  
(32)REV 1:85P, 11 FIGS, 34 TABLES
- 803294 PFEIFFER, WOLFGANG - 1968  
DIE FAHRENHOLZSCHEN ORGANE DER DIPNOI UND  
BRACHIOPTERYGII  
Z ZELLFORSCH  
90(1)127-147, 9 FIGS  
WITH ENGLISH SUMMARY
- 803295 BREDER, CHARLES M JR - 1968  
SEASONAL AND DIURNAL OCCURRENCES OF FISH SOUNDS  
IN A SMALL FLORIDA BAY  
BULL AMER MUS NATUR HIST  
138(6)325-378, 24 FIGS, 17 TABLES
- 803296 MAGERAMOV, CH M - 1968  
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ACIPENSERIDAE IN THE CASPIAN SEA  
VOP IKHTIOL  
8(6)1102-1105, 2 TABLES  
IN RUSSIAN
- 803297 PILCHER, K S; KLEEMAN, KARL T; FRYER, JOHN L  
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GROWTH AND GLYCOLYSIS IN TWO CELL LINES DERIVED  
FROM EMBRYOS OF SALMONID FISH  
PROC SOC EXP BIOL MED  
127(3)659-664, 4 FIGS, 1 TABLE
- 803298 HNIDZO, A Z - 1968  
NEJSLAVNEJSI JIHOCESKY RYBNIK JORDAN V TABORE  
ZIVA  
16(5)189-191, 6 FIGS
- 803299 OBRHELOVA, NADEZDA - 1968  
MINULOST KAPROVITYCH RYB CESHOSLOVENSKA  
ZIVA  
16(4)144-145, 5 FIGS
- 803300 KALLMAN, KLAUS D - 1968  
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FOR SEX IN THE TELEOST XIPHOPHORUS MACULATUS  
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SUEUR), AS EXPERIMENTAL ANIMALS FOR  
IMMUNIZATION WITH HUMAN SECRETOR SALIVA AND  
OTHER ANTIGENIC MATERIALS  
J IMMUNOL  
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- 803302 EVERSON, INIGO; RALPH, R - 1968  
BLOOD ANALYSIS OF SOME ANTARCTIC FISH  
BRIT ANTARCTIC SURV BULL  
(15)59-62, 3 TABLES
- 803303 EDELHAUSER, HENRY F; SIEGESMUND, KENNETH A  
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THE LOCALIZATION OF SODIUM IN THE TELEOST  
CORNEA  
INVEST OPHTHALMOL  
7(2)147-155, 11 FIGS
- 803304 GILBERT, PERRY W - 1968  
THE SHARK: BARBARIAN AND BENEFACITOR  
BIOSCIENCE  
18(10)946-950, 6 FIGS
- 803305 MEADOWS, B S - 1968  
ON THE OCCURRENCE OF THE GUPPY LEBISTES  
RETICULATUS IN THE RIVER LEE  
ESSEX NATUR  
32(2)186-189, 2 TABLES
- 803306 SMITH, J L B - 1968  
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OF SCOMBER SANSUN FORSSKAL, 1775  
OCCAS PAP DEP ICHTHYOL RHODES UNIV  
(15)173-184, 2 FIGS, 3 TABLES
- 803307 CASTLE, P H J - 1968  
A CONTRIBUTION TO A REVISION OF THE MORINGUID  
EELS  
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(3)29P, 3 FIGS, 1 TABLE
- 803308 CASTLE, P H J - 1968  
DESCRIPTION AND OSTEOLOGY OF A NEW EEL OF THE  
GENUS BATHYMYRUS FROM OFF MOZAMBIQUE  
SPEC PUBL DEP ICHTHYOL RHODES UNIV  
(4)12P, 2 FIGS
- 803309 DURAND, J P - 1968  
ETUDE DES POISSONS RECOLTES DANS LA GROTTTE DE  
UMAYALANTA (BOLIVIE), TRICHOMYCTERUS CHABERTI  
SP N  
ANN SPELEOL  
23(2)343-353, 4 FIGS
- 803310 CASTLE, P H J - 1968  
EGGS AND EARLY LARVAE OF THE CONGRID EEL  
GNATHOPHIS CAPENSIS OFF SOUTHERN AFRICA  
SPEC PUBL DEP ICHTHYOL RHODES UNIV  
(5)5P, 1 FIG
- 803311 KNOPPEL, HANS-ARMIN; JUNK, WOLFGANG;  
GERY, JACQUES - 1968  
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FISH FROM THE CENTRAL AMAZON REGION, WITH A  
REVIEW OF THE GENUS BRYCONOPS  
AMAZONIANA  
1(3)231-246, 6 FIGS, 3 TABLES
- 803312 SALVATORE, F; ZAPPAL, V; SHAPIRO, S K - 1968  
QUANTITATIVE ANALYSIS OF S-ADENOSYLHOMOCYSTEINE  
IN LIVER  
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158(3)461-464, 2 TABLES
- 803313 BROWN, J NEAL; DODGEN, CHARLES L - 1968  
FISH LIVER TRYPTOPHAN PYRROLASE: THE APPARENT  
ABSENCE OF BOTH HORMONAL REGULATION AND  
SUBSTRATE INDUCTION  
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- 803314 WEIS, JUDITH SHULMAN - 1968  
THE OCCURRENCE OF NERVE GROWTH FACTOR IN  
TELEOST FISHES  
EXPERIENTIA  
24(7)736-737, 1 FIG
- 803315 DERBIN, CLAUDE; SZABO, THOMAS - 1968  
ULTRASTRUCTURE OF AN ELECTRORECEPTOR  
(KNOLLENORGAN) IN THE MORMYRID FISH GNATHONEMUS  
PETERSII, I  
J ULTRASTRUCT RES  
22(5/6)469-484, 21 FIGS
- 803316 ELDRED, BONNIE - 1968  
FIRST RECORD OF A LARVAL TARPON, MEGALOPS  
ATLANTICUS VALENCIENNES, FROM THE GULF OF  
MEXICO  
PT 1 FLA BOARD CONSERV DIV SALT WATER FISH MAR  
LAB LEAFL SER 4,  
(7)2P

803317	ELDRED, BONNIE - 1968 LARVAE AND GLASS EELS OF THE AMERICAN FRESHWATER EEL, ANGUILLA ROSTRATA (LESUEUR, 1817), IN FLORIDA WATERS FLA BOARD CONSERV DIV SALT WATER FISH MAR LAB LEAFL SER 4, PT 1 (9)4P, 1 FIG, 1 TABLE	PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)230-237, 6 TABLES	803317 - 803342
803318	ELDRED, BONNIE - 1968 THE EEL LARVA, LEPTOCEPHALUS MORINGUA EDWARDSI (JORDAN AND BOLLMAN, 1889) ( MORINGUIDAE) IN THE FLORIDA STRAITS FLA BOARD CONSERV DIV SALT WATER FISH MAR LAB LEAFL 4, PT 1 (6)5P, 1 FIG	803330 SKAZKINA, YE P; KOSTYUCHENKO, V A - 1968 FOOD CONSUMPTION OF THE AZOV GOBY (NEOGOBIOUS MELANOSTOMUS (PALLAS)) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)238-245, 2 FIGS, 4 TABLES	
803319	PODLESNY, A V - 1968 THE FUNDAMENTAL DIFFERENCE BETWEEN MIGRATORY AND NONMIGRATORY TELEOST FISHES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)165-168, 1 FIG	803331 KHALILOV, F KH - 1968 SOME MATERIAL ON THE HISTOLOGY AND HISTOCHEMISTRY OF THE PANCREAS AND LIVER OF TELEOST FISHES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)246-249, 4 FIGS	
803320	GAYGALAS, K S; MATSKEVICHYUS, A P - 1968 FISHING FOR THE RIVER LAMPREY (LAMPETRA FLUVIATILIS (L)) IN THE BASIN OF THE NYAMUNAS RIVER; SOME FEATURES AND POTENTIALITIES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)169-176, 6 TABLES	803332 PAVLOV, D S; SBIKIN, YU N; MOCHEK, A D - 1968 THE EFFECT OF ILLUMINATION IN RUNNING WATER ON THE SPEED OF FISHES IN RELATION TO FEATURES OF THEIR ORIENTATION PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)250-254, 2 FIGS, 3 TABLES	
803321	YEVTYUKHOVA, B K - 1968 SOME FEATURES IN THE POPULATION DYNAMICS OF BAYKAL PERCH (PERCA FLUVIATILIS L) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)176-184, 5 FIGS	803333 ASTAKHOVA, T V; MARTINO, K V - 1968 MEASURES FOR THE CONTROL OF FUNGUS DISEASES OF THE EGGS OF STURGEONS IN FISH HATCHERIES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)261-268, 1 FIG, 6 TABLES	
803322	TITOVA, K N - 1968 SALMONIDAE AND COREGONIDAE OF THE LENA RIVER: THE PRESENT STATE OF STOCKS AND RATIONAL FISHING PRINCIPLES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)184-189, 5 TABLES	803334 IVASIK, V M - 1968 THE CENTER OF DISTRIBUTION OF THE CARP AND ITS PARASITE FAUNA PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)269-275, 1 FIG, 1 TABLE	
803323	BEKKER, V E - 1968 NEW DATA ON MESOPELAGIC FISHES OF THE GENUS (OPISTHOPOCTUS) VAILLANT PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)189-193, 1 FIG, 2 TABLES	803335 GERD, A S - 1968 ARRANGEMENT AND UNIFICATION OF THE RUSSIAN NAMES OF FISHES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)276-281, 1 TABLE	
803324	NOVOKOSHONOV, Y D - 1968 THE ROLE OF THE PIKE-PERCH (LUCIOPERCA LUCIOPERCA (L)) IN BIOLOGICAL MELIORATION OF THE ARAL SEA PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)193-198, 1 FIG, 4 TABLES	803336 STREKALOVA, I I - 1968 MARINE FISH REARING EXPERIMENTS PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)281-284, 2 TABLES	
803325	TURDAKOV, A F - 1968 SPERM PRODUCTION BY ISSYK-KUL' TROUT MALES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)198-208, 8 TABLES	803337 DRAPKIN, YE I - 1968 A DEFORMITY OF THE SOLE (SOLEA LASCARIS NASUTA (PALLAS)) FROM THE BLACK SEA PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)285, 1 FIG	
803326	ASTANIN, L P; PODGORNYY, M I - 1968 FEATURES OF THE FERTILITY OF (CARASSIUS CARASSIUS (L)) AND (C. AURATUS GIBELIO (BLOCH)) PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)209-214, 3 FIGS, 2 TABLES	803338 ZHITENEVA, L D - 1968 FISHES FROM THE UPPER PALEOLITHIC SITE AT NOVGOROD-SEVERSK PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)286-288, 1 FIG	
803327	PAK, FARID - 1968 FERTILITY OF THE SALMON (SALMO TRUTTA CASPIUS KESSL) FROM THE IRANIAN COAST OF THE CASPIAN PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)215-222, 14 TABLES	803339 SHEVTSOVA, E YE - 1968 SOME ASPECTS OF THE BIOLOGY AND REARING OF THE BLACK SEA SALMON PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)288-291	
803328	SOIN, S G - 1968 SOME FEATURES IN THE DEVELOPMENT OF THE BLENNY (ZOARCES VIVIPAROUS (L)) IN RELATION TO VIVIPARITY PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)222-229, 4 FIGS	803340 YELIZAROVA, N S - 1968 FEATURES OF THE PROPAGATION OF THE CARP-BREAM (ABRAMIS BRAMA (L)) IN THE VOLGOGRAD RESERVOIR PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)291-294	
803329	ABDEL-MALEK, S A - 1968 FEEDING OF YOUNG THREE-SPINED STICKLEBACKS (GASTEROSTEUS ACULEATUS L) IN KANDALAKSHA BAY IN THE WHITE SEA	803341 MAKEYEVA, A P - 1968 HYBRIDIZATION OF THE COMMON CARP WITH PHYTOPHAGOUS FISHES PROBL ICHTHYOL TRANSL VOP IKHTIOL 8(2)294-297, 2 FIGS	
		803342 ALEKPEROV, A P - 1968 AN ANALYSIS OF THE POPULATION OF THE KURA STURGEON (ACIPENSER GULDENSTADTI PERSICUS BORODIN) IN RELATION TO THE DISRUPTION OF MIGRATORY AND SPAWNING CONDITIONS	

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8(2)297-300, 4 FIGS
- 803343 KRASIKOVA, V A - 1968  
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(COREGONUS CYLINDRACEUS (PALLAS ET PENNANT))  
FROM THE NORIL'SK LAKE AND RIVER SYSTEM  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(2)301-303, 3 TABLES
- 803344 RADZINSKAYA, L I - 1968  
LOCALIZATION AND AMOUNT OF PEROXIDASE IN THE  
EMBRYONIC DEVELOPMENT OF THE NEVA SALMON (SALMO  
SALAR)  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(2)304-306, 1 TABLE
- 803345 BELOKOPYTIN, YU S - 1968  
BASAL METABOLIC RATE IN SOME MARINE FISHES  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(2)306-309, 3 FIGS, 1 TABLE
- 803346 MASLENNIKOVA, N V - 1968  
RELATIONSHIP BETWEEN THE AMINO ACID COMPOSITION  
OF OVARIAN PROTEIN OF THE SEXUALLY MATURE  
BALTIC COD (GADUS MORRHUA CALLARIS (L)) AND THE  
STAGES IN ITS MATURITY  
PROBL ICHTHYOL VOP IKHTIOL  
8(2)309-311, 1 FIG, 1 TABLE
- 803347 PUSHKIN, YU A - 1968  
GROWTH OF (ASPIUS ASPIUS (L)) IN THE KAMA  
RESERVOIR  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(2)312-318, 5 FIGS, 7 TABLES
- 803348 ALIYEV, D S; BESSMERTNAYA, R YE - 1968  
USE OF THE GRASS CARP (CTENOPHARYNGODON IDELLA  
(VAL)) TO CONTROL THE LARVAE OF BLOOD-SUCKING  
MOSQUITOES  
PROBL ICHTHYOL TRANSL VOP IKHTIOL  
8(2)319-321, 1 TABLE
- 803349 MARSH, GEORGE; PAULSON, NED - 1968  
THE EFFECT OF PARTIAL REINFORCEMENT ON  
EXTINCTION IN AVOIDANCE CONDITIONING  
PSYCHONOMIC SCI  
12(1)39-40, 1 FIG, 1 TABLE
- 803350 JACOBS, DAVID W; POPPER, ARTHUR N - 1968  
STIMULUS EFFECTIVENESS IN AVOIDANCE BEHAVIOR IN  
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12(3)109-110, 2 TABLES
- 803351 STEEN, JOHN B; TURITZIN, STEPHEN N - 1968  
THE NATURE AND BIOLOGICAL SIGNIFICANCE OF THE  
PH DIFFERENCE ACROSS RED CELL MEMBRANES  
RESP PHYSIOL  
5(2)234-242, 4 FIGS
- 803352 PILLAI, N KRISHNA - 1968  
ADDITIONS TO THE COPEPOD PARASITES OF SOUTH  
INDIAN FISHES  
PARASITOLOGY  
58(1)9-36, 12 FIGS
- 803353 WILES, MICHAEL - 1968  
THE OCCURRENCE OF DIPLOZOON PARADOXUM NORDMANN,  
1832 (TREMATODA: MONOGENEA) IN CERTAIN WATERS  
OF NORTHERN ENGLAND AND ITS DISTRIBUTION ON THE  
GILLS OF CERTAIN CYPRINIDAE  
PARASITOLOGY  
58(1)61-70, 1 FIG, 6 TABLES
- 803354 WILLIAMS, H HARTFORD - 1968  
ACANTHOBOOTHRIUM QUADRIPARTITUM SP NOV (CESTODA:  
TETRAHYLIDAE) FROM RAJA NAEVUS IN THE NORTH  
SEA AND ENGLISH CHANNEL  
PARASITOLOGY  
58(1)105-110, 5 FIGS
- 803355 KEARN, G C - 1968  
THE DEVELOPMENT OF THE ADHESIVE ORGANS OF SOME  
DIPLECTANID, TETRAONCHID AND DACTYLOGYRID GILL  
PARASITES (MONOGENEA)  
PARASITOLOGY  
58(1)149-163, 17 FIGS, 1 TABLE
- 803356 HITZEROTH, H; KLOSE, J; OHNO, SUSUMU;  
WOLF, ULRICH - 1968  
ASYNCHRONOUS ACTIVATION OF PARENTAL ALLELES AT  
THE TISSUE-SPECIFIC GENE LOCI OBSERVED ON  
HYBRID TROUT DURING EARLY DEVELOPMENT  
BIOCHEM GENET  
1(3)287-300, 8 FIGS
- 803357 OPATRYN, EVZEN - 1968  
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ZIVA  
16(2)66-67, 4 FIGS
- 803358 VAN DEN NIEUWENHUIZEN, AREND - 1968  
PLEZIER MET CICHLIDEN (5), PELMATOCHROMIS  
THOMASI IN WOORD EN BEELD (1)  
AQUARIUM (DEN HAAG)  
39(5)98-102, 12 FIGS
- 803359 HYND, J S - 1968  
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ALBACARES (BONNATERRE), IN QUEENSLAND WATERS  
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OCEANOGR TECH PAP  
(26)40P, 33 FIGS
- 803360 ALFRED, ERIC R - 1968  
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MALAYAN NATURE J  
21(3)181-182, 2 FIGS
- 803361 CHUA, T E - 1968  
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- 803362 CHIN, K C - 1968  
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- 803363 SOONG, M H H - 1968  
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MALAYAN NATURE J  
21(3)XXXIII-XXXIV
- 803364 TAN, C K - 1968  
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TRICHOPTERUS (PALLAS)  
MALAYAN NATURE J  
21(3)XXXIV
- 803365 ALFRED, ERIC R - 1968  
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MALAYAN NATURE J  
XXXIV-XXXV
- 803366 LE GUEN, J C - 1968  
ETUDE DU STOCK D'ALBACORES (THUNNUS ALBACARE)  
EXPLOITE PAR LES PALANGRIERS JAPONAIS DANS  
L'ATLANTIQUE TROPICAL AMERICAIN DE 1956 A 1963  
CAH ORSTOM (OFFICE SCI TECH OUTRE-MER) SER  
OCEANOGR  
6(3/4)27-30, 1 FIG  
WITH ENGLISH SUMMARY
- 803367 FRICKE, HANS-WALTER - 1968  
BEITRAGE ZUR BIOLOGIE DER GORGONENHAUPTER  
ASTROPHYTON MURICATUM (LAMARCK) UND ASTROBOA  
NUDA (LYMAN) (OPHIUROIDEA, GORGONOCEPHALIDAE)  
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- 803368** SMITH, J L B - 1968  
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OFF DURBAN, NATAL AND SOUTHERN MOZAMBIQUE  
S AFR ASS MAR BIOL RES INVEST REP  
(19)30P, 8 FIGS, 2 TABLES
- 803369** CLARK, EUGENIE - 1968  
ELECTRID GOBIES COLLECTED DURING THE ISRAEL  
SOUTH RED SEA EXPEDITION (1962), WITH A KEY TO  
RED SEA SPECIES  
BULL SEA FISH RES STA HAIFA  
(49)7P
- 803370** BOCCARDY, JOSEPH A; SPAULDING, WILLARD M JR  
1968  
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U S FISH WILDLIFE SERV RESOUR PUBL  
(65)20P, 10 FIGS, 4 TABLES
- 803371** OLANIYAN, C I O - 1968  
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- 803372** BANARESCU, PETRU; OPRESCU, T - 1968  
IHTIOFAUNA ARGESULUI SUPERIOR SI A VILSANULUI  
SI PROBLEMELE OCROTIRII EL  
OCROTIREA NATUR (BUCHAREST)  
43-52, 6 FIGS  
WITH FRENCH SUMMARY
- 803373** CARLSON, FRANK T - 1968  
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4-41(17 FIGS, 15 TABLES) IN SUITABILITY OF THE  
SUSQUEHANNA RIVER FOR RESTORATION OF SHAD  
U S DEP INTERIOR: WASHINGTON, D C, 60P, ILLUS
- 803374** BRADFORD, ARTHUR D; MILLER, JACK G; BUSS, KEEN  
1968  
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AMERICAN SHAD ALOSA SAPISSIMA.  
52-60(12 TABLES) IN SUITABILITY OF THE  
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U S DEP INTERIOR: WASHINGTON, D C, 60P, ILLUS
- 803375** KOCH, HENRI J A; BERGSTROM, EVA;  
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SALAR L BY MEANS OF ISOELECTRIC FOCUSING  
MEDED KON VLAAMSE ACAD WETENSCH LETT SCHONE  
KUNSTEN BELGE  
30(20)16P, 3 FIGS
- 803376** LEDER, IRMGARD - 1968  
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VEROEFF ABT SLAVISCHE SPRACHEN LITT FREIEN UNIV  
BERLIN (HARRASSOWITZ, WIESBADEN)  
36:181P
- 803377** JOHNSON, D S - 1968  
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303-310 IN PROC SYMP RECENT ADVAN TROP ECOL PT  
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- 803378** KACIC, IVO - 1968  
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QUANTITY OF PELAGIC FISH IN KASTELA BAY  
INST OCEANOGR RIBARSTVO-SPLIT JUGOSLAV  
BILJESKE  
(23)6P, 1 FIG, 3 TABLES
- 803379** TESCH, F W - 1968  
HEIMFINDEVERMOGEN VON AALEN IN DER NORDSEE  
UMSCH WISS TEC  
68(8)247-248, 1 FIG
- 803380** NAKAMURA, IZUMI; IWAI, TAMOTSU; MATSUBARA, K  
1968  
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SWORDFISH OF THE WORLD
- MISAKI MAR BIOL INST KYOTO UNIV SPEC REP  
(4)95P, 26 FIGS, 11 TABLES  
IN JAPANESE
- 803381** VAN CITTERS, ROBERT L; WATSON, NOLAN W - 1968  
CORONARY DISEASE IN SPAWINING STEELHEAD TROUT  
SALMO GAIRDNERII  
SCIENCE  
159(3810)105-107, 2 FIGS, 1 TABLE
- 803382** BARDACK, DAVID; ZANGERL, RAINER - 1968  
FIRST FOSSIL LAMPREY: A RECORD FROM THE  
PENNSYLVANIAN OF ILLINOIS  
SCIENCE  
162(3859)1265-1267, 4 FIGS, 1 TABLE
- 803383** DELRIO, GIOVANNI; BOTTE, VIRGILIO;  
CHIEFFI, GIOVANNI - 1968  
IDENTIFICATION OF THE LEYDIG-CELL HOMOLOGUE IN  
THE TESTIS OF CERTAIN TELEOST FISHES THROUGH  
HISTOENZYMATIC REACTIONS  
4P IN ENZYME HISTOCHEMISTRY  
ISTITUTO LOMBARDO-ACCADEMIA DI SCIENZE E  
LETTERE
- 803384** COLLIN, JEAN-PIERRE; MEINIEL, ANNIE - 1968  
LES SYNAPSES DE L'ORGANE PINEAL DE L'AMMOCETE  
C R HEBD SEANCES ACAD SCI PARIS  
266(12)SER D:1293-1295, 2 FIGS
- 803385** SCHEEL, JORGEN J - 1968  
ZOOEOGRAPHIE UND VERWANDTSCHAFTLICHE  
BEZIEHUNGEN VON RIVULINAE DES ATLANTISCHEN  
AFRIKA  
MONATSSCHR ORNITHOL VIVARIENK AUSG B AQUARIEN  
TERRARIEN  
15(1)14-16, 15(2)52, 2 FIGS, 15(3)76-80, 10  
FIGS, 15(4) 118-121, 7 FIGS, 15(5)156-159, 6  
FIGS, 15(6)200-201, 4 FIGS, 15(7)226-227,  
FIGS, 15(9)304-305, 4 FIGS, 15(10)332-335, 4  
FIGS
- 803386** VAN VUGT, A M - 1968  
RASBORA MACULATA EN RASBORA UROPHTHALMA  
AQUARIUM (DEN HAAG)  
39(4)79-80, 2 FIGS
- 803387** GAASENDAM, G W - 1968  
RASBORA MACULATA X RASBORA UROPHTHALMA!  
AQUARIUM (DEN HAAG)  
39(4)81-84, 6 FIGS
- 803388** MIYAKE, MAKOTO PETER - 1968  
DISTRIBUTION OF SKIPJACK IN THE PACIFIC OCEAN,  
BASED ON RECORDS OF INCIDENTAL CATCHES OF THE  
JAPANESE LONGLINE TUNA FISHERY  
BULL INTER-AMER TROP TUNA COMM  
12(7)511-608, 9 FIGS, 9 TABLES
- 803389** STENSIO, ERIK - 1968  
THE CYCLOSTOMES WITH SPECIAL REFERENCE TO THE  
DIPHLETIC ORIGIN OF THE PETROMYZONTODA AND  
MYXINOIDEA  
13-71(22 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT  
PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR  
ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803390** VAN TIENHOVEN, ARI - 1968  
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- 803391** SCHEEL, JORGEN J - 1968  
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T F H PUBLICATIONS INC: JERSEY CITY, 480P,  
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- 803392** HEINTZ, NATASCHA - 1968  
THE PTERASPID LYKTASPIS N G FROM THE DEVONIAN  
OF VESTSPITSBERGEN  
73-80(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT  
PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR

- ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803393** RITCHIE, ALEXANDER - 1968  
**PHLEBOLEPIS ELEGANS PANDER, AN UPPER SILURIAN THELODONT FROM OESEL, WITH REMARKS ON THE MORPHOLOGY OF THELODONT**  
81-88(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803394** JOLLIE, MALCOLM - 1968  
**SOME IMPLICATIONS OF THE ACCEPTANCE OF A DELAMINATION PRINCIPLE**  
89-107(12 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803395** MILES, ROGER S - 1968  
**JAW ARTICULATION AND SUSPENSION IN ACANTHODES AND THEIR SIGNIFICANCE**  
109-127(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803396** NELSON, GARETH J - 1968  
**GILL-ARCH STRUCTURE IN ACANTHODES**  
129-143(6 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803397** HEINTZ, ANATOL - 1968  
**THE SPINAL PLATE IN HOMOSTIUS AND DUNKLEOSTEUS**  
145-151(2 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803398** BENDIX-ALMGREEN, SVEND ERIK - 1968  
**THE BRADYODONT ELASMOBRANCHS AND THEIR AFFINITIES: A DISCUSSION**  
153-170 IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803399** PATTERSON, COLIN - 1968  
**MENASPIS AND THE BRADYODONTS**  
171-205(15 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803400** SCHAEFFER, BOBB - 1968  
**THE ORIGIN AND BASIC RADIATION OF THE OSTEICHTHYS**  
207-222(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803401** JARVIK, ERIK - 1968  
**THE SYSTEMATIC POSITION OF THE DIPNOI**  
223-245(6 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803402** DENISON, ROBERT H - 1968  
**THE EVOLUTIONARY SIGNIFICANCE OF THE EARLIEST KNOWN LUNGFISH, URANOLOPHUS**  
247-257(9 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803403** BERTMAR, GUNNAR - 1968  
**LUNGFISH PHYLOGENY**  
259-283(9 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
- 803404** THOMSON, KEITH STEWART - 1968  
**A CRITICAL REVIEW OF THE DIPHYLETIC THEORY OF RHIPIDISTIAN-AMPHIBIAN RELATIONSHIPS**  
285-306(11 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
- 803405** LEHMAN, JEAN-PIERRE - 1968  
**REMARQUES CONCERNANT LA PHYLOGENIE DES AMPHIBIENS**  
307-315(6 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
- 803406** BJERRING, HANS C - 1968  
**THE SECOND SOMITE WITH SPECIAL REFERENCE TO THE EVOLUTION OF ITS MYOTOMIC DERIVATIVES**  
341-357(6 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
- 803407** MOSS, MELVIN L - 1968  
**THE ORIGIN OF VERTEBRATE CALCIFIED TISSUES**  
359-371 IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
- 803408** ORVIG, TOR - 1968  
**THE DERMAL SKELETON; GENERAL CONSIDERATIONS**  
373-379(5 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803409** ZANGERL, RAINER - 1968  
**THE MORPHOLOGY AND THE DEVELOPMENTAL HISTORY OF THE SCALES OF THE PALEOZOIC SHARKS HOLMSELLA? SP AND ORODUS** 399-412, 17 FIGS  
IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
- 803410** DEVILLERS, CH; CORSIN, J - 1968  
**LES OS DERMIQUES CRANIENS DES POISSONS ET DES AMPHIBIENS; POINTS DE VUE EMBRYOLOGIQUES SUR LES 'TERRITOIRES OSSEUX' ET LES 'FUSIONS'**  
413-428(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
- 803411** JESSEN, HANS - 1968  
**THE GULAR PLATES AND BRANCHIOSTEGEL RAYS IN AMIA, ELOPS AND POLYPTERUS**  
429-438(3 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
- 803412** NYBELIN, ORVAR - 1968  
**THE DENTITION IN THE MOUTH CAVITY OF ELOPS** • 439-443(3 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM 539P, ILLUS
- 803413** SZARSKI, HENRIK - 1968  
**EVOLUTION OF CELL SIZE IN LOWER VERTEBRATES**  
445-453 IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803414** OLSSON, RAGNAR - 1968  
**EVOLUTIONARY SIGNIFICANCE OF THE 'PROLACTIN' CELLS IN TELEOSTOMEAN FISHES**  
455-472(9 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS
- 803415** BRUDIN, LARS - 1968  
**APPLICATION OF PHYLOGENETIC PRINCIPLES IN**



**SYSTEMATICS AND EVOLUTIONARY THEORY**  
473-495(7 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT  
PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR  
ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS

**A NOTE ON THE FOOD AND FEEDING HABITS OF TOR** 803416 - 803439  
**MAHSEER, TOR TOR (HAMILTON) FROM RIVER NARMADA**  
J BOMBAY NATUR HIST SOC  
65(2)493-495

803416 JARVIK, ERIK - 1968  
**ASPECTS OF VERTEBRATE PHYLOGENY**  
497-527(4 FIGS) IN NOBEL SYMPOSIUM 4. CURRENT  
PROBLEMS OF LOWER VERTEBRATE PHYLOGENY, TOR  
ORVIG (ED)  
ALMQVIST & WIKSELL: STOCKHOLM, 539P, ILLUS

803429 BARUAH, M C - 1968  
**A CASE OF ALBINISM IN HETEROPNEUSTES FOSSILIS**  
(BLOCH)  
J BOMBAY NATUR HIST SOC  
65(2)495-496

803417 JANSSEN, WERNER A; MEYERS, CALDWELL D - 1968  
**FISH: SEROLOGIC EVIDENCE OF INFECTION WITH**  
**HUMAN PATHOGENS**  
SCIENCE  
159(3814)547-548, 1 FIG, 1 TABLE

803430 SAXENA, P K; CAHNDRA, RAVISH - 1968  
**ON THE INTRODUCTION OF PHASLA JAL, A GILL NET,**  
**FOR CATCHING HILSA IN THE GANGA AND YAMUNA NEAR**  
**ALLAHABAD**  
J BOMBAY NATUR HIST SOC  
65(2)496-498, 2 FIGS

803418 BRESTOWSKY, MICHAEL - 1968  
**VERGLEICHENDE UNTERSUCHUNGEN ZUR ELTERNBINDUNG**  
**VON TILAPIA-JUNGFISCHEN (CICHLIDAE, PISCES)**  
Z TIERPSYCHOL  
25(7)761-828, 22 FIGS, 3 TABLES  
WITH ENGLISH SUMMARY

803431 TORCHIO, M - 1968  
**SULLA EVENTUALE PRESENZA IN ACQUE MEDITERRANEE**  
**DI INDIVIDUI DEI GENERI CEPHALOPHOLIS BL SCHN E**  
**CHAETODON L (PISCES OSTEICHTHYES)**  
NATURA (MILANO)  
59(3/4)210-212, 2 FIGS

803419 HALL, DARRELL D - 1968  
**A QUALITATIVE ANALYSIS OF COURTSHIP AND**  
**REPRODUCTIVE BEHAVIOR IN THE PARADISE FISH,**  
**MACROPODUS OPERCULARIS (LINNAEUS)**  
Z TIERPSYCHOL  
25(7)834-842, 1 FIG, 1 TABLE

803432 JOHANSEN, KJELL - 1968  
**AIR-BREATHING FISHES**  
SCI AMER  
219(4)102-111, 13 FIGS

803420 CHHAPGAR, B F; JATAR, J K - 1968  
**RECORDS OF RARE FISHES OF THE FAMILY**  
**CHAETODONTIDAE FROM BOMBAY**  
J BOMBAY NATUR HIST SOC  
65(1)58-63, 5 FIGS

803433 WILLIAMS, H HARTFORD - 1968  
**THE TAXONOMY, ECOLOGY AND HOST-SPECIFICITY OF**  
**SOME PHYLLOBOTHRIDAE (CESTODA:**  
**TETRAHYLLIDAE), A CRITICAL REVISION OF**  
**PHYLLOBOTHRUM BENEDEN, 1849 AND COMMENTS ON**  
**SOME ALLIED GENERA**  
PHIL TRANS ROY SOC LONDON SER B BIOL SCI  
253(786)231-307, 108 FIGS

803421 SINGH, VIJAI D; REGE, M S - 1968  
**OBSERVATIONS ON AGE AND GROWTH OF TACHYSURUS**  
**SONA (HAM)**  
J BOMBAY NATUR HIST SOC  
65(1)75-87, 8 FIGS, 5 TABLES

803434 CIHAR, J - 1968  
**BIBLIOGRAPHY OF THE CZECHOSLOVAK ICHTHYOLOGICAL**  
**AND HERPETOLOGICAL LITERATURE FOR THE 1945-1967**  
**PERIOD**  
RADA BIOLOGICKA. NOVINKY LITERATURY - PRIRODNI  
VEDY  
CZECH STATE PUBLISHING HOUSE: PRAGUE,  
(3/4)63-123  
IN CZECH AND ENGLISH

803422 TALWAR, P K; SEN, T K - 1968  
**PAROXYURICHTHYS LATERISQUAMMATUS (M WEBER):**  
**FIRST RECORDED FROM INDIAN WATERS**  
J BOMBAY NATUR HIST SOC  
65(1)234-235, 1 FIG

803435 SCHWASSMANN, HORST O; KRUGER, LAWRENCE - 1968  
**ANATOMY OF VISUAL CENTERS IN TELEOSTS**  
3-16(4 FIGS) IN THE CENTRAL NERVOUS SYSTEM AND  
FISH BEHAVIOR, DAVID INGLE (ED)  
THE UNIVERSITY OF CHICAGO PRESS: CHICAGO AND  
LONDON, VIII + 272P, ILLUS

803423 TALWAR, P K - 1968  
**MURAL-THOONDI, A GEAR FOR HALFBEAK FISHES**  
J BOMBAY NATUR HIST SOC  
65(1)235-236, 1 FIG

803436 JACOBSON, MARCUS - 1968  
**PHYSIOLOGY OF FISH VISION**  
17-24(3 FIGS) IN THE CENTRAL NERVOUS SYSTEM AND  
FISH BEHAVIOR, DAVID INGLE (ED)  
THE UNIVERSITY OF CHICAGO PRESS: CHICAGO AND  
LONDON, VIII + 272P, ILLUS

803424 BHUYAN, B R - 1968  
**A NOTE ON THE USE OF CROTON TIGLIUM LINN SEED**  
**AS A FISH POISON IN PONDS**  
J BOMBAY NATUR HIST SOC  
65(1)236-240, 1 FIG, 1 TABLE

803437 YAGER, DEAN - 1968  
**BEHAVIORAL ANALYSIS OF COLOR SENSITIVITIES IN**  
**GOLDFISH**  
25-33(2 FIGS) IN THE CENTRAL NERVOUS SYSTEM AND  
FISH BEHAVIOR, DAVID INGLE (ED)  
THE UNIVERSITY OF CHICAGO PRESS: CHICAGO AND  
LONDON, VIII + 272P, ILLUS

803425 DUTT, S; THANKAM, V - 1968  
**THE SCIAENIDAE OF THE COASTAL WATERS OF**  
**VISAKHAPATNAM**  
J BOMBAY NATUR HIST SOC  
65(2)335-347, 13 FIGS

803438 SUTHERLAND, N S - 1968  
**SHAPE DISCRIMINATION IN THE GOLDFISH**  
35-50(5 FIGS) IN THE CENTRAL NERVOUS SYSTEM AND  
FISH BEHAVIOR, DAVID INGLE (ED)  
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LONDON, VIII + 272P, ILLUS

803426 DAVIDAR, E R C - 1968  
**THE NILGIRI WILD LIFE ASSOCIATION AND STATUS OF**  
**WILD LIFE IN THE NILGIRIS**  
J BOMBAY NATUR HIST SOC  
65(2)431-443, 4 FIGS, 4 TABLES

803439 INGLE, DAVID - 1968  
**SPATIAL DIMENSIONS OF VISION IN FISH**  
51-59(3 FIGS) IN THE CENTRAL NERVOUS SYSTEM AND  
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